



**Australian  
Bureau of  
Statistics**

EMPLOYED WAGE AND SALARY EARNERS  
AUSTRALIA  
MARCH QUARTER 1989

**March Quarter 1989  
Employed Wage  
and Salary  
Earners  
Australia**

**Catalogue No. 6248.0**



STATISTICS AND ANALYSIS  
OF THE AUSTRALIAN ECONOMY  
AND SOCIETY

# Employed Wage and Salary Earners Australia March Quarter 1989

Series 5210.0

**EMBARGOED UNTIL 11.30 A.M. 28 JULY 1989**

**EMPLOYED WAGE AND SALARY EARNERS  
AUSTRALIA  
MARCH QUARTER 1989**

**IAN CASTLES**  
*Australian Statistician*

**AUSTRALIAN BUREAU OF STATISTICS**

**CATALOGUE NO. 6248.0**

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## SUMMARY OF FINDINGS

The total number of employed wage and salary earners in Australia in March 1989 was estimated as 6,152,700. This represents an increase of 59,200 (1.0 per cent) since December 1988 and an increase of 229,500 (3.9 per cent) compared to March 1988.

Over the last five years of the survey, the number of wage and salary earners has increased by 1,065,700 (20.9 per cent), which is an average annual increase of 3.9 per cent over the five years.

In seasonally adjusted terms, the total number of employed wage and salary earners in Australia in March 1989 was estimated as 6,142,900. This represents an increase of 80,400 (1.3 per cent) since December 1988, an increase of 1,065,400 (21.0 per cent) over the last five years and an estimated increase of 230,100 (3.9 per cent) over the last twelve months.

### Private and public sectors

Growth in the number of employed wage and salary earners (employees) in recent years is shown in Diagram 1 below in both original and seasonally adjusted terms. It can be seen that growth has been concentrated in the private sector. In the twelve months to March 1989, the number of private sector employees grew by 241,000 (5.7 per cent) to 4,434,200 in original terms and by 241,700 (5.8 per cent) to 4,427,200 in seasonally adjusted terms. This is an increase of 1,008,100 employees (29.4 per cent) in original terms and 1,008,500 employees (29.5 per cent) in seasonally adjusted terms since March 1984, which is an average annual increase of 5.3 per cent over each of these years for both the original and seasonally adjusted series. Since December 1988, the number of private sector employees grew by 65,000 (1.5 per cent) in original terms and by 95,600 (2.2 per cent) in seasonally adjusted terms.

In contrast, Diagram 1 also shows that over the same period less growth has occurred in the public sector. In the twelve months to March 1989, the number of public sector employees decreased by 11,500 (0.7 per cent) in both original and seasonally adjusted terms to 1,718,500 (original terms) and 1,715,800 (seasonally adjusted terms).

Despite this, the public sector has grown by 57,600 (3.5 per cent) in original terms and 57,000 (3.4 per cent) in seasonally adjusted terms since March 1984, which is an average annual increase of 0.7 per cent over this period for both the original and seasonally adjusted series. Since December 1988, the number of public sector employees decreased by 5,800 (0.3 per cent) in original terms and by 15,100 (0.9 per cent) in seasonally adjusted terms. The remainder of the data presented in this summary are in original terms.

The proportion of wage and salary earners employed in the private sector has continued to increase, from 67.4 per cent in March 1984, to 70.8 per cent in March 1988 and 72.1 per cent in March 1989.

Diagram 1 also shows the effects of a number of occurrences that have caused public sector employee estimates to either increase or decrease. In summary, these occurrences are: the cessation of temporary staff of the Community services industry at the end of the school year (December and January each year); the employment of temporary staff to conduct the 1986 Census of Population and Housing (June and July 1986), the (July) 1987 Federal Election and the September 1988 Referendum. Further details of these occurrences are provided in previous editions of this publication.

### Industries

Diagram 2 shows changes in the number of employed wage and salary earners, both for the last twelve months and over the last five years to March 1989, classified by ASIC division.

The Finance, property and business services industry continues to show strong employee growth, with an increase of 234,800 (43.5 per cent) since March 1984. This is an average annual increase of 7.5 per cent. Employee growth in the last twelve months also continues with an increase of 39,400 (5.4 per cent) to 774,900 employees in March 1989.

DIAGRAM 1. EMPLOYED WAGE AND SALARY EARNERS, SECTORS  
AUSTRALIA

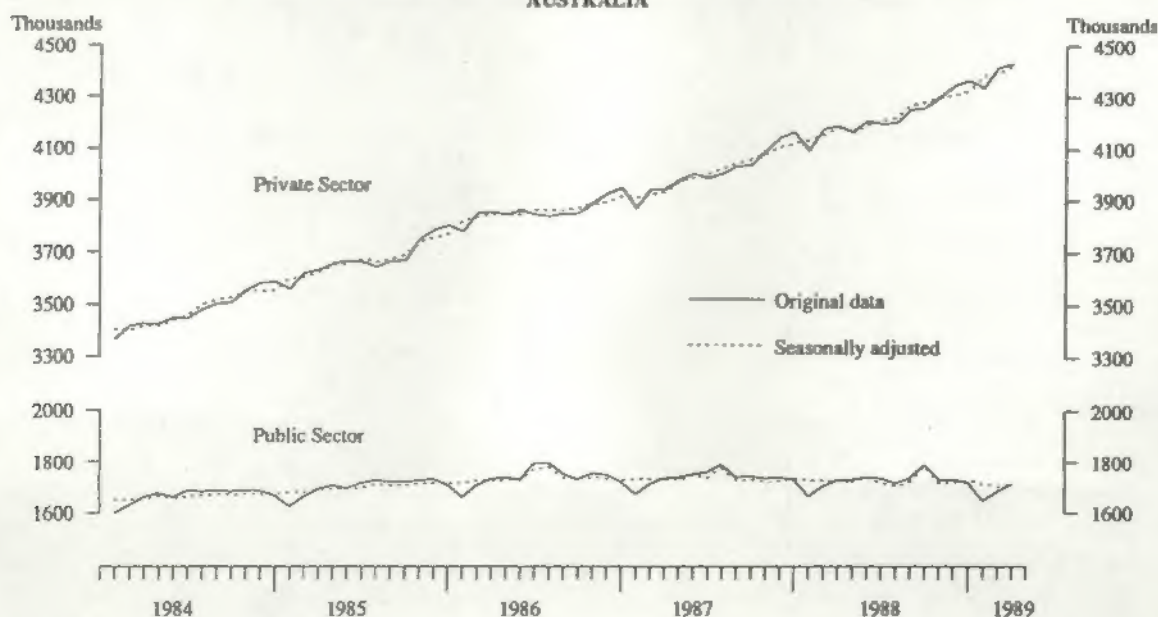
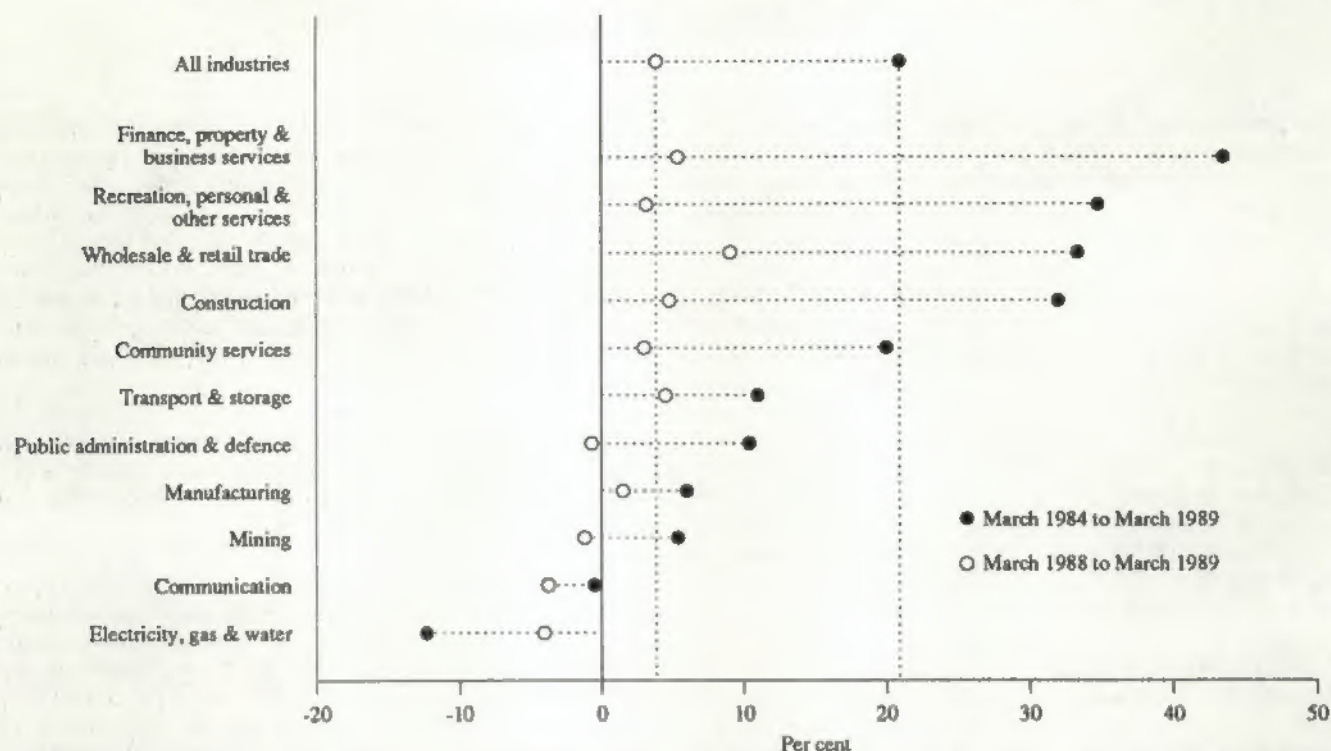




DIAGRAM 2. EMPLOYED WAGE AND SALARY EARNERS: EMPLOYEE GROWTH, INDUSTRY, AUSTRALIA



The Recreation, personal and other services industry also continues to show substantial employee growth, with an increase of 117,900 (34.7 per cent) since March 1984. This is an average annual increase of 6.1 per cent. In the twelve months to March 1989, the number of employees has increased by 14,300 (3.2 per cent) to 458,100.

The Wholesale and retail trade industry continues to show strong employee growth. In the five years since March 1984, there has been an increase in the number of employees of 326,100 (33.3 per cent). This is an average annual increase of 5.9 per cent. In the last year, this industry has shown the greatest employee growth with an increase of 109,100 (9.1 per cent) to 1,305,500 employees.

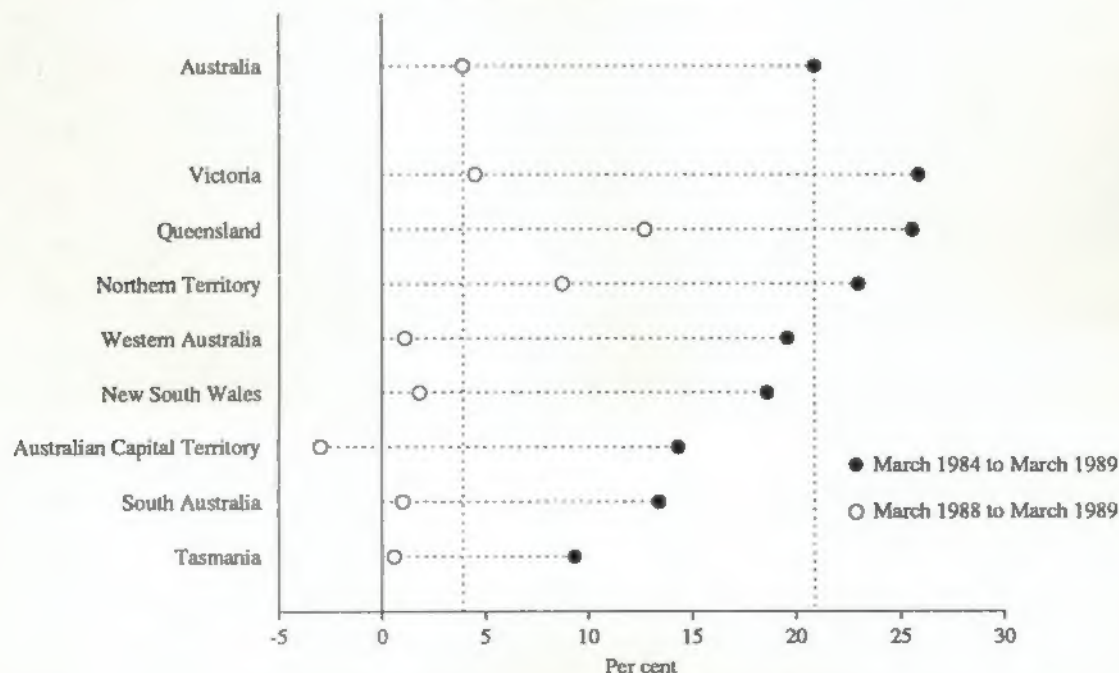
Growth in the number of employees in the Construction industry continues. In the last five years the number of

employees has risen by 71,600 (32.0 per cent) to 295,100 in March 1989. This is an average annual increase of 5.7 per cent. In the last twelve months the growth has been 13,600 employees (4.8 per cent).

The Electricity, gas and water industry shows a decrease of 17,300 employees (12.3 per cent) in the last five years, which is an average annual decrease of 2.6 per cent. A decrease of 5,100 employees (4.0 per cent) has occurred over the last year, with a drop to 123,900 in March 1989.

The Communication industry also shows a fall in the number of employees in the twelve months to March 1989 (4,900 or 3.7 per cent). Over the last five year period the number of employees has remained relatively unchanged at 127,400, a 0.5 per cent decrease.

DIAGRAM 3. EMPLOYED WAGE AND SALARY EARNERS: EMPLOYEE GROWTH, STATE, TERRITORY AND AUSTRALIA





### States and Territories

Diagram 3 shows the changes in the number of employed wage and salary earners both for the last twelve months and over the last five years to March 1989, classified by State, Territory and Australia.

Victoria (25.9 per cent), Queensland (25.6 per cent), Western Australia (19.6 per cent) and the Northern Territory (23.0 per cent) show the most significant employee growth since March 1984. New South Wales (1.8 per cent), Victoria (4.5 per cent) and Queensland (12.7 per cent) are the only States or Territories to show significant employee growth in the last twelve months to March 1989.

### Male and female wage and salary earners

Estimates of male and female wage and salary earners relate to the middle month of each quarter. For the year to February 1989, the number of female employees increased by 5.1 per cent while the number of male employees increased by 2.7 per cent.

Diagram 4 shows the number of female wage and salary earners as a proportion of total wage and salary earners. This proportion has grown steadily from 40.3 per cent in February 1984 to 43.6 per cent in February 1989. Note that the seasonal fall, between November and February each year, is principally due to the decrease in the number of part-time female employees in the education component of the Community services industry.

### Full-time and part-time wage and salary earners

Estimates of full-time and part-time wage and salary earners also relate to the middle month of each quarter. In February 1989, there were an estimated 4,662,600 full-time and 1,440,900 part-time employees in Australia. These represent an increase of 56,400 (1.2 per cent) full-time and a decrease of 31,700 (2.2 per cent) part-time employees since November 1988.

Diagram 5 shows the growth in the number of full-time and part-time employees over the last five years. The rate of growth for part-time employees has been much greater than that of full-time employees, viz: 49.8 per cent, compared with 14.0 per cent, or average annual growth rates of 8.4 per cent part-time and 2.7 per cent full-time. In the twelve months to February 1989, part-time employees have increased by 67,000 (4.9 per cent), compared with an increase in the number of full-time employees of 152,100 (3.4 per cent).

DIAGRAM 4. FEMALE WAGE AND SALARY EARNERS AS A PERCENTAGE OF TOTAL, AUSTRALIA

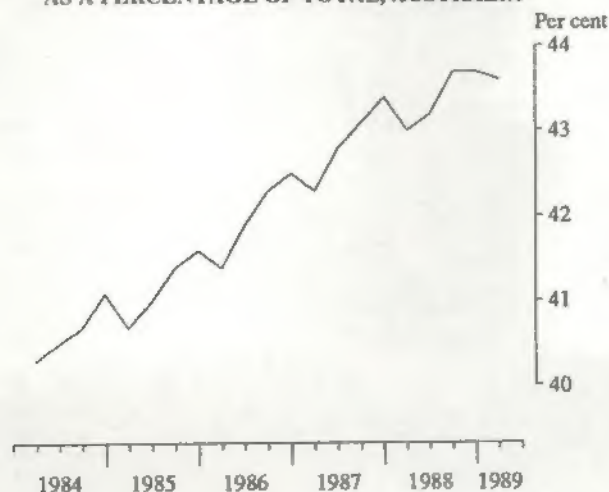
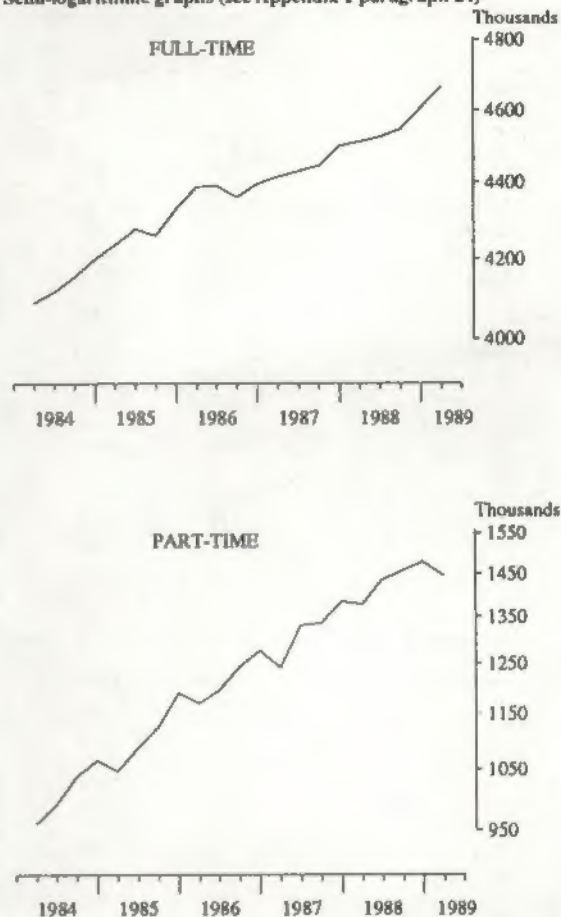


DIAGRAM 5. EMPLOYED WAGE AND SALARY EARNERS, PERSONS, AUSTRALIA

Semi-logarithmic graphs (see Appendix 1 paragraph 24)



### Earnings

Total earnings for employed wage and salary earners in the March quarter 1989 are estimated as \$34,345.2m. This is an increase of \$3,718.9m (12.1 per cent) over the same period in the previous year and an increase of \$13,838.8m (67.5 per cent) over March quarter 1984. However, there has been a decrease in earnings of \$951.4m (2.7 per cent) over the December quarter 1988. Such decreases in total earnings in the March quarter compared with the December quarter may be due to factors such as prepayments in the December quarter of holiday pay and leave loadings for leave to be taken in the March quarter.

**Standard Institutional Sector Classification of Australia (SISCA):** Separate estimates relating to the public sector classified by SISCA have been included for the first time in this issue. For an explanation and definitions of relevant terms, see Appendix 1 - Explanatory Notes and Appendix 2 - Glossary.

**Seasonally Adjusted Series:** Seasonally adjusted data for number of employees are now available for some of the employment series. For an explanation of seasonal adjustment see Appendix 1 - Explanatory Notes.



TABLE 1. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA, PERSONS ('000)

	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
PRIVATE									
1986- June	1,347.1	1,113.4	551.0	313.7	344.9	93.8	36.7	45.2	3,845.7
1987- June	1,410.7	1,140.3	563.1	324.1	366.7	100.5	34.8	49.6	3,989.7
1988- February	1,524.5	1,194.6	571.3	342.1	363.3	98.6	28.8	54.7	4,177.8
March	1,522.8	1,202.1	577.0	343.0	365.9	98.7	29.1	54.7	4,193.2
April	1,526.9	1,186.9	576.0	339.2	360.8	96.0	30.5	53.4	4,169.9
May	1,537.5	1,196.7	589.2	341.7	362.7	96.6	31.6	54.1	4,209.9
June	1,535.4	1,191.3	588.7	339.8	361.2	96.3	32.4	53.9	4,198.9
July	1,500.5	1,207.3	621.9	329.9	354.9	97.5	36.0	54.0	4,202.0
August	1,517.9	1,225.4	632.0	335.7	355.1	98.0	37.1	54.6	4,255.8
September	1,518.9	1,226.8	636.9	335.7	353.9	97.9	36.5	54.0	4,260.6
October	1,540.0	1,239.5	642.6	335.6	359.6	98.1	34.1	54.9	4,304.4
November	1,554.3	1,254.6	646.6	340.0	361.2	99.5	34.2	55.4	4,345.7
December	1,566.2	1,265.8	640.5	340.1	365.7	101.4	34.0	55.4	4,369.2
1989- January	1,547.2	1,246.7	662.4	345.6	357.8	98.9	33.1	49.8	4,341.5
February	1,571.7	1,269.3	676.9	350.0	365.6	99.8	33.8	51.0	4,418.0
March	1,572.1	1,278.6	679.8	349.8	368.5	100.3	33.6	51.5	4,434.2
PUBLIC									
1986- June(a)	582.8	468.2	268.6	154.4	165.0	55.0	23.3	73.3	1,790.5
1987- June	581.1	456.5	259.1	153.7	158.6	53.8	22.0	73.1	1,757.9
1988- February	565.5	448.0	247.5	149.7	153.6	51.1	21.0	70.4	1,706.7
March	570.9	454.0	251.7	151.7	156.8	51.9	21.5	71.5	1,730.0
April	572.1	453.7	253.0	151.8	157.8	52.6	21.5	71.6	1,734.0
May	578.1	455.7	254.0	151.0	159.1	53.0	21.4	72.3	1,744.6
June	573.6	455.0	253.5	151.5	159.6	52.3	21.7	72.5	1,739.8
July	563.1	455.6	249.8	152.1	154.5	51.5	20.9	71.5	1,719.1
August	571.7	459.6	251.9	151.9	157.7	53.3	21.0	71.4	1,738.4
September(b)	596.9	474.8	258.0	156.7	165.7	54.4	21.4	71.4	1,799.3
October	568.6	456.9	251.5	152.1	155.7	52.8	21.9	71.1	1,730.7
November	569.0	458.8	251.4	151.9	156.2	52.9	21.5	71.4	1,733.1
December	560.8	464.1	246.0	152.1	155.9	53.0	21.7	70.8	1,724.3
1989- January	537.7	441.6	241.6	143.0	149.2	50.8	20.8	69.0	1,653.7
February	547.2	446.1	250.8	147.7	152.9	50.4	20.8	69.7	1,685.5
March	559.1	451.6	254.3	150.0	159.7	51.3	21.5	70.9	1,718.5
PRIVATE AND PUBLIC									
1986- June(a)	1,929.9	1,581.4	819.5	468.0	509.9	148.8	60.0	118.5	5,636.2
1987- June	1,991.7	1,596.7	822.2	477.7	525.3	154.2	56.8	122.7	5,747.5
1988- February	2,090.0	1,642.5	818.8	491.7	516.8	149.6	49.8	125.1	5,884.4
March	2,093.7	1,656.1	828.7	494.7	522.7	150.6	50.7	126.2	5,923.2
April	2,099.0	1,640.6	829.0	491.0	518.7	148.7	52.0	125.0	5,903.9
May	2,115.6	1,652.4	843.1	492.7	521.8	149.5	53.0	126.4	5,954.5
June	2,109.1	1,646.3	842.2	491.2	520.8	148.6	54.1	126.4	5,938.7
July	2,063.6	1,662.9	871.7	482.0	509.5	149.0	56.9	125.5	5,921.1
August	2,089.7	1,685.0	883.9	487.6	512.8	151.3	58.0	126.0	5,994.3
September(b)	2,115.8	1,701.6	894.9	492.4	519.5	152.3	57.9	125.4	6,059.9
October	2,108.7	1,696.4	894.1	487.7	515.3	150.9	56.0	126.0	6,035.1
November	2,123.3	1,713.4	898.0	491.9	517.4	152.4	55.7	126.8	6,078.8
December	2,127.0	1,729.9	886.5	492.3	521.6	154.3	55.7	126.2	6,093.5
1989- January	2,085.0	1,688.3	904.0	488.6	507.0	149.7	53.9	118.9	5,995.3
February	2,118.8	1,715.3	927.7	497.7	518.5	150.2	54.6	120.7	6,103.5
March	2,131.2	1,730.3	934.2	499.8	528.2	151.5	55.1	122.4	6,152.7

(a) Includes temporary Population Census employees. (b) Includes temporary Australian Electoral Commission staff.

TABLE 2. EMPLOYED WAGE AND SALARY EARNERS, SEASONALLY ADJUSTED, AUSTRALIA, PERSONS ('000)

Month	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
PRIVATE									
1986- June	1,355.8	1,120.3	548.1	314.2	346.1	94.3	35.4	45.7	3,860.0
1987- June	1,419.5	1,147.8	560.3	324.6	367.6	101.0	33.5	50.2	4,004.6
1988- February	1,513.0	1,188.9	571.9	340.9	362.3	97.5	29.9	54.1	4,158.5
March	1,517.9	1,197.7	581.0	341.8	365.2	97.6	30.2	54.0	4,185.5
April	1,524.9	1,185.0	575.5	338.6	362.3	95.2	30.4	53.5	4,165.4
May	1,534.9	1,192.8	582.9	340.4	362.8	96.1	30.7	53.7	4,194.3
June	1,544.8	1,199.4	585.8	340.3	361.9	96.7	31.1	54.5	4,214.5
July	1,510.6	1,212.2	627.7	330.1	357.6	98.5	35.5	54.4	4,226.7
August	1,529.0	1,226.9	633.6	335.5	356.0	99.3	36.4	54.8	4,271.4
September	1,533.4	1,230.7	636.7	336.0	355.7	99.4	35.6	54.8	4,282.2
October	1,537.1	1,241.1	639.2	337.7	358.3	99.2	33.4	54.9	4,301.0
November	1,540.3	1,246.9	640.7	338.8	357.9	98.8	34.6	54.6	4,312.6
December	1,548.5	1,253.5	640.5	338.9	361.0	99.5	35.1	54.6	4,331.6
1989- January	1,557.5	1,262.5	670.0	349.4	360.9	99.5	34.7	51.0	4,385.5
February	1,559.7	1,263.2	677.7	348.8	364.5	98.7	35.1	50.4	4,398.1
March	1,567.2	1,274.2	684.6	348.4	367.7	99.2	34.8	50.9	4,427.2
PUBLIC									
1986- June(a)	576.9	463.3	265.5	153.5	162.6	55.3	23.0	72.1	1,772.1
1987- June	574.9	451.8	256.1	152.9	156.4	53.8	21.8	71.9	1,739.6
1988- February	570.9	453.5	249.9	152.1	155.8	53.5	21.1	71.2	1,727.9
March	569.3	454.2	251.0	151.5	156.1	52.4	21.4	71.3	1,727.3
April	568.8	452.6	251.4	150.7	156.8	52.2	21.5	71.0	1,725.1
May	583.0	457.6	251.0	150.4	157.2	52.2	21.4	71.3	1,744.1
June	567.3	450.2	250.5	150.5	157.1	52.4	21.4	71.2	1,720.6
July	558.9	452.3	249.2	150.8	154.2	50.1	20.9	71.2	1,707.4
August	567.4	454.2	250.9	150.4	156.9	52.8	21.2	71.7	1,725.4
September(b)	591.1	471.4	256.8	155.9	164.7	53.7	21.5	71.5	1,786.6
October	565.3	453.0	250.8	150.6	155.1	52.3	21.8	71.2	1,720.2
November	563.3	458.0	251.2	150.6	155.5	52.3	21.6	71.3	1,723.8
December	564.0	465.6	248.5	151.1	156.4	52.3	21.7	71.3	1,730.9
1989- January	559.3	455.2	248.6	150.6	156.0	53.6	21.0	70.8	1,715.0
February	552.2	451.6	253.2	150.1	155.1	52.8	20.9	70.5	1,706.3
March	557.5	451.8	253.6	149.8	159.0	51.9	21.5	70.7	1,715.8
PRIVATE AND PUBLIC									
1986- June(a)	1,932.7	1,583.6	813.6	467.6	508.8	149.6	58.4	117.8	5,632.1
1987- June	1,994.4	1,599.6	816.5	477.5	524.0	154.9	55.2	122.0	5,744.1
1988- February	2,083.9	1,642.3	821.8	493.0	518.1	151.0	51.0	125.3	5,886.4
March	2,087.2	1,651.9	832.0	493.3	521.4	150.0	51.6	125.3	5,912.8
April	2,093.7	1,637.7	826.9	489.3	519.1	147.4	51.9	124.5	5,890.5
May	2,117.9	1,650.3	833.9	490.9	520.0	148.3	52.0	125.0	5,938.4
June	2,112.1	1,649.6	836.3	490.8	519.0	149.1	52.4	125.7	5,935.0
July	2,069.5	1,664.5	876.9	480.9	511.8	148.6	56.3	125.6	5,934.1
August	2,096.4	1,681.0	884.5	485.9	512.9	152.1	57.5	126.5	5,996.8
September(b)	2,124.6	1,702.1	893.4	491.9	520.4	153.1	57.1	126.2	6,068.9
October	2,102.4	1,694.1	890.1	488.4	513.5	151.5	55.2	126.1	6,021.2
November	2,103.7	1,704.9	891.9	489.4	513.5	151.1	56.1	125.9	6,036.5
December	2,112.5	1,719.1	889.0	490.0	517.4	151.8	56.7	125.9	6,062.5
1989- January	2,116.8	1,717.7	918.6	500.0	516.9	153.0	55.7	121.8	6,100.5
February	2,111.9	1,714.8	930.9	498.9	519.6	151.5	56.0	120.9	6,104.4
March	2,124.7	1,726.1	938.3	498.3	526.8	151.0	56.3	121.6	6,142.9

(a) Includes temporary Population Census employees. (b) Includes temporary Australian Electoral Commission staff.



TABLE 3. GROSS EARNINGS, STATES AND TERRITORIES, SECTORS  
(\$m)

Quarter	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
PRIVATE									
1983-84	19,652.6	14,650.4	7,315.1	4,138.0	4,572.7	1,215.4	383.0	538.2	52,465.5
1984-85	21,719.3	16,403.5	8,034.9	4,729.9	5,150.5	1,381.4	494.7	640.4	58,554.7
1985-86	24,030.5	18,747.2	8,830.5	5,171.7	5,869.0	1,513.7	601.1	708.2	65,471.9
1986-87	26,896.8	21,053.4	9,490.0	5,488.3	6,646.3	1,687.9	632.9	824.0	72,719.6
1987-88	31,149.5	23,957.9	10,549.8	6,080.3	7,309.7	1,751.3	624.8	957.5	82,380.7
1986-									
September	6,498.2	5,153.9	2,338.2	1,318.7	1,606.6	397.0	167.7	193.8	17,674.2
December	6,960.5	5,503.3	2,429.5	1,440.3	1,701.1	440.3	157.1	205.9	18,838.0
1987-									
March	6,408.2	4,907.6	2,267.5	1,320.7	1,627.7	404.4	146.1	203.1	17,285.2
June	7,029.9	5,488.7	2,454.8	1,408.6	1,710.8	446.3	162.0	221.1	18,922.2
September	7,314.3	5,742.9	2,524.4	1,465.6	1,762.4	436.4	160.4	233.1	19,639.4
December	7,979.4	6,222.0	2,701.5	1,525.3	1,898.8	455.5	159.0	250.0	21,191.5
1988-									
March	7,707.1	5,796.5	2,563.1	1,481.8	1,770.9	411.0	149.3	230.4	20,110.1
June	8,148.8	6,196.5	2,760.8	1,607.5	1,877.6	448.3	156.0	244.0	21,439.6
September	8,291.8	6,429.9	2,974.7	1,598.8	1,867.2	442.1	181.0	257.9	22,043.4
December	8,934.6	7,081.1	3,234.4	1,682.2	1,978.6	481.3	177.5	273.6	23,843.3
1989-									
March	8,702.2	6,677.3	3,282.5	1,634.4	1,902.0	466.3	173.8	252.8	23,091.1
PUBLIC									
1983-84	10,856.6	8,431.0	4,630.3	2,828.5	2,752.9	954.0	461.8	1,445.7	32,360.8
1984-85	11,678.5	9,112.8	5,002.5	3,078.7	3,069.9	1,038.2	497.3	1,607.0	35,084.9
1985-86	12,562.3	9,799.5	5,363.1	3,252.0	3,299.5	1,123.2	556.4	1,777.8	37,733.7
1986-87	13,415.4	10,565.4	5,702.4	3,423.2	3,509.9	1,169.6	584.2	1,914.0	40,284.2
1987-88	14,142.2	11,296.9	5,839.2	3,629.2	3,748.7	1,233.5	597.5	1,989.7	42,476.9
1986-									
September	3,186.5	2,682.3	1,412.0	842.6	839.5	277.9	139.3	457.0	9,837.1
December	3,526.0	2,713.7	1,423.7	900.3	916.4	317.4	157.5	503.0	10,458.1
1987-									
March	3,170.9	2,552.2	1,377.1	786.2	830.2	268.7	134.5	452.9	9,572.7
June	3,532.0	2,617.3	1,489.5	894.2	923.9	305.6	152.9	501.0	10,416.3
September	3,433.2	2,849.0	1,484.2	873.4	913.1	315.3	158.7	507.0	10,534.0
December	3,591.1	2,812.5	1,435.6	924.9	966.9	313.9	147.1	489.0	10,681.0
1988-									
March	3,553.9	2,724.5	1,431.0	915.0	926.3	301.9	150.0	513.7	10,516.1
June	3,563.9	2,910.9	1,488.3	916.0	942.4	302.4	141.7	480.1	10,745.8
September	3,768.9	2,937.6	1,564.8	943.1	1,013.3	325.8	161.8	555.3	11,270.5
December	3,816.4	2,985.6	1,678.9	959.9	1,003.1	341.5	155.7	512.2	11,453.3
1989-									
March	3,757.2	2,930.2	1,523.9	965.7	1,029.1	319.8	157.9	570.3	11,254.1
PRIVATE AND PUBLIC									
1983-84	30,509.2	23,081.4	11,945.4	6,966.5	7,325.5	2,169.4	844.9	1,983.9	84,826.3
1984-85	33,398.0	25,516.3	13,037.4	7,808.7	8,220.4	2,419.6	992.0	2,247.4	93,639.8
1985-86	36,592.8	28,546.7	14,193.6	8,423.7	9,168.6	2,636.9	1,157.5	2,486.0	103,205.7
1986-87	40,312.1	31,618.9	15,192.4	8,911.4	10,156.2	2,857.5	1,217.1	2,737.9	113,003.8
1987-88	45,291.6	35,254.8	16,389.0	9,709.4	11,058.4	2,984.7	1,222.3	2,947.2	124,857.6
1986-									
September	9,684.7	7,836.2	3,750.2	2,161.3	2,446.1	674.8	307.0	650.8	27,511.2
December	10,486.4	8,217.1	3,853.3	2,340.5	2,617.5	757.8	314.6	708.9	29,296.1
1987-									
March	9,579.1	7,459.7	3,644.6	2,106.8	2,457.9	673.1	280.6	656.0	26,857.9
June	10,561.9	8,105.9	3,944.3	2,302.7	2,634.7	751.8	315.0	722.2	29,338.5
September	10,747.5	8,591.9	4,008.6	2,338.9	2,675.5	751.7	319.1	740.1	30,173.4
December	11,570.5	9,034.5	4,137.1	2,450.2	2,865.7	769.4	306.1	739.0	31,872.5
1988-									
March	11,260.9	8,521.0	3,994.1	2,396.8	2,697.2	712.9	299.3	744.0	30,626.3
June	11,712.7	9,107.4	4,249.2	2,523.5	2,820.0	750.7	297.8	724.1	32,185.4
September	12,060.7	9,367.6	4,539.5	2,541.9	2,880.4	767.9	342.7	813.2	33,313.9
December	12,751.0	10,066.7	4,913.4	2,642.1	2,981.7	822.8	333.1	785.8	35,296.6
1989-									
March	12,459.4	9,607.5	4,806.4	2,600.0	2,931.1	786.1	331.7	823.0	34,345.2

TABLE 4. EMPLOYED WAGE AND SALARY EARNERS, STATES AND TERRITORIES

State, Territory/Sector	Number of employees('000)						Gross earnings	
	March 1988	December 1988	January 1989	February 1989		March 1989	March Quarter 1989	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
New South Wales	2,093.7	2,127.0	2,085.0	1,202.2	916.6	2,118.8	2,131.2	12,459.4
Private	1,522.8	1,566.2	1,547.2	878.8	692.9	1,571.7	1,572.1	8,702.2
Public	570.9	560.8	537.7	323.5	223.7	547.2	559.1	3,757.2
Commonwealth	135.6	136.0	133.5	86.1	48.7	134.8	135.3	952.2
State	373.3	363.0	343.2	189.1	162.0	351.1	362.9	2,424.9
Local	62.0	61.8	61.1	48.4	12.9	61.3	60.9	380.1
Victoria	1,656.1	1,729.9	1,688.3	961.1	754.2	1,715.3	1,730.3	9,607.5
Private	1,202.1	1,265.8	1,246.7	711.0	558.3	1,269.3	1,278.6	6,677.3
Public	454.0	464.1	441.6	250.2	195.9	446.1	451.6	2,930.2
Commonwealth	99.5	96.9	97.1	64.8	32.2	97.1	97.3	732.5
State	310.5	322.2	301.8	161.9	142.6	304.5	309.5	1,993.2
Local	44.0	45.1	42.7	23.5	21.1	44.5	44.8	204.5
Queensland	828.7	886.5	904.0	535.3	392.4	927.7	934.2	4,806.4
Private	577.0	640.5	662.4	382.2	294.7	676.9	679.8	3,282.5
Public	251.7	246.0	241.6	153.1	97.7	250.8	254.3	1,523.9
Commonwealth	49.7	48.8	48.8	31.4	17.9	49.3	49.4	342.8
State	175.4	170.0	165.9	98.9	75.5	174.4	177.6	1,037.2
Local	26.7	27.1	26.9	22.8	4.3	27.1	27.3	143.9
South Australia	494.7	492.3	488.6	277.9	219.8	497.7	499.8	2,600.0
Private	343.0	340.1	345.6	193.4	156.6	350.0	349.8	1,634.4
Public	151.7	152.1	143.0	84.5	63.2	147.7	150.0	965.7
Commonwealth	35.7	33.4	33.1	23.8	9.2	33.0	33.1	227.4
State	107.3	109.7	101.5	54.8	51.5	106.3	108.5	692.9
Local	8.7	9.0	8.4	6.0	2.4	8.4	8.4	45.4
Western Australia	522.7	521.6	507.0	289.9	228.6	518.5	528.2	2,931.1
Private	365.9	365.7	357.8	205.8	159.8	365.6	368.5	1,902.0
Public	156.8	155.9	149.2	84.1	68.8	152.9	159.7	1,029.1
Commonwealth	26.4	25.1	24.5	15.1	9.6	24.8	24.7	169.8
State	119.9	120.3	114.3	61.7	55.9	117.6	124.4	805.6
Local	10.4	10.4	10.4	7.3	3.2	10.5	10.5	53.7
Tasmania	150.6	154.3	149.7	85.3	64.9	150.2	151.5	786.1
Private	98.7	101.4	98.9	56.3	43.5	99.8	100.3	466.3
Public	51.9	53.0	50.8	29.0	21.4	50.4	51.3	319.8
Commonwealth	9.9	9.3	9.3	6.3	3.0	9.3	9.3	65.4
State	38.3	40.2	38.2	20.0	17.6	37.6	38.6	236.4
Local	3.6	3.5	3.4	2.7	0.8	3.4	3.4	18.0
Northern Territory	50.7	55.7	53.9	29.7	24.9	54.6	55.1	331.7
Private	29.1	34.0	33.1	18.6	15.1	33.8	33.6	173.8
Public	21.5	21.7	20.8	11.1	9.7	20.8	21.5	157.9
Commonwealth	5.0	4.9	4.8	3.0	1.8	4.8	4.8	34.4
State	15.7	15.9	15.1	7.5	7.6	15.0	15.8	118.9
Local	0.8	0.9	0.9	0.6	0.3	0.9	0.9	4.6
Aust. Capital Territory	126.2	126.2	118.9	63.7	57.0	120.7	122.4	823.0
Private	54.7	55.4	49.8	25.1	26.0	51.0	51.5	252.8
Public	71.5	70.8	69.0	38.6	31.1	69.7	70.9	570.3
Australia	5,923.2	6,093.5	5,995.3	3,445.2	2,658.4	6,103.5	6,152.7	34,345.2
Private	4,193.2	4,369.2	4,341.5	2,471.1	1,947.0	4,418.0	4,434.2	23,091.1
Public	1,730.0	1,724.3	1,653.7	974.1	711.4	1,685.5	1,718.5	11,254.1
Commonwealth	432.8	424.6	419.5	268.8	153.4	422.2	424.3	3,090.1
State(a)	1,141.1	1,141.9	1,080.4	594.1	513.0	1,107.2	1,137.8	7,313.7
Local	156.2	157.8	153.9	111.2	45.0	156.2	156.4	850.3

(a) Includes employees of State governments employed in the ACT.

TABLE 5. EMPLOYED WAGE AND SALARY EARNERS, SEASONALLY ADJUSTED, STATES AND TERRITORIES, PERSONS

State, Territory/Sector	Number of employees('000)				
	March 1988	December 1988	January 1989	February 1989	March 1989
New South Wales	2,087.2	2,112.5	2,116.8	2,111.9	2,124.7
Private	1,517.9	1,548.5	1,557.5	1,559.7	1,567.2
Public	569.3	564.0	559.3	552.2	557.5
Commonwealth	134.9	136.2	133.6	134.0	134.6
State	372.1	366.4	364.4	356.7	361.6
Local	62.4	61.4	61.3	61.5	61.2
Victoria	1,651.9	1,719.1	1,717.7	1,714.8	1,726.1
Private	1,197.7	1,253.5	1,262.5	1,263.2	1,274.2
Public	454.2	465.6	455.2	451.6	451.8
Commonwealth	98.4	97.0	97.1	96.6	96.3
State	311.9	323.7	313.1	310.3	310.8
Local	44.0	44.9	45.0	44.7	44.8
Queensland	832.0	889.0	918.6	930.9	938.3
Private	581.0	640.5	670.0	677.7	684.6
Public	251.0	248.5	248.6	253.2	253.6
Commonwealth	49.8	48.6	48.9	49.4	49.5
State	174.4	172.4	172.1	176.5	176.7
Local	26.8	27.5	27.6	27.3	27.4
South Australia	493.3	490.0	500.0	498.9	498.3
Private	341.8	338.9	349.4	348.8	348.4
Public	151.5	151.1	150.6	150.1	149.8
Commonwealth	35.7	33.4	33.2	33.0	33.1
State	107.2	108.8	108.9	108.7	108.3
Local	8.7	8.9	8.5	8.4	8.4
Western Australia	521.4	517.4	516.9	519.6	526.8
Private	365.2	361.0	360.9	364.5	367.7
Public	156.1	156.4	156.0	155.1	159.0
Commonwealth	26.5	25.0	24.6	24.7	24.8
State	119.3	120.9	120.7	119.8	123.8
Local	10.3	10.5	10.7	10.5	10.5
Tasmania	150.0	151.8	153.0	151.5	151.0
Private	97.6	99.5	99.5	98.7	99.2
Public	52.4	52.3	53.6	52.8	51.9
State	38.8	39.5	41.0	40.1	39.1
Northern Territory	51.6	56.7	55.7	56.0	56.3
Private	30.2	35.1	34.7	35.1	34.8
Public	21.4	21.7	21.0	20.9	21.5
Aust. Capital Territory	125.3	125.9	121.8	120.9	121.6
Private	54.0	54.6	51.0	50.4	50.9
Public	71.3	71.3	70.8	70.5	70.7
Australia	5,912.8	6,062.5	6,100.5	6,104.4	6,142.9
Private	4,185.5	4,331.6	4,385.5	4,398.1	4,427.2
Public	1,727.3	1,730.9	1,715.0	1,706.3	1,715.8
Commonwealth	430.9	425.4	420.7	421.9	422.5
State	1,139.9	1,148.1	1,135.8	1,127.8	1,136.6
Local	156.4	157.8	157.5	156.9	156.6



TABLE 6. EMPLOYED WAGE AND SALARY EARNERS, STATES AND TERRITORIES, PUBLIC INSTITUTIONAL SECTOR

State, Territory/Sector	Public Trading Enterprises		Financial Enterprises		General Government Enterprises		Total Public	
	February 1989	March qtr 1989	February 1989	March qtr 1989	February 1989	March qtr 1989	February 1989	March qtr 1989
	Persons ('000)	Gross Earnings (\$m)	Persons ('000)	Gross Earnings (\$m)	Persons ('000)	Gross Earnings (\$m)	Persons ('000)	Gross Earnings (\$m)
New South Wales								
Total Public	151.2	1,119.2	29.3	152.7	366.7	2,485.4	547.2	3,757.2
Commonwealth	63.6	470.5	19.0	97.9	52.3	383.8	134.8	952.2
State	70.9	540.2	10.3	54.8	269.9	1,829.9	351.1	2,424.9
Local	16.7	108.5	—	—	44.5	271.6	61.3	380.1
Victoria								
Total Public	118.5	874.1	19.5	109.1	308.1	1,947.0	446.1	2,930.2
Commonwealth	46.5	356.8	7.2	43.7	43.4	332.0	97.1	732.5
State	70.6	507.1	12.3	65.4	221.6	1,420.7	304.5	1,993.2
Local	1.4	10.2	—	—	43.1	194.2	44.5	204.5
Queensland								
Total Public	44.5	299.9	7.8	43.6	198.5	1,180.3	250.8	1,523.9
Commonwealth	n.p.	n.p.	n.p.	n.p.	20.1	148.5	49.3	342.8
State	n.p.	n.p.	n.p.	n.p.	156.4	918.2	174.4	1,037.2
Local	5.1	30.3	—	—	22.1	113.6	27.1	143.9
South Australia								
Total Public	30.3	212.1	6.5	39.9	110.9	713.6	147.7	965.7
Commonwealth	16.2	115.1	2.4	12.8	14.4	99.5	33.0	227.4
State	14.0	96.5	4.1	27.1	88.2	569.3	106.3	692.9
Local	0.1	0.5	—	—	8.3	44.9	8.4	45.4
Western Australia								
Total Public	27.6	194.1	7.5	39.8	117.8	795.2	152.9	1,029.1
Commonwealth	10.4	74.6	2.9	14.2	11.4	81.0	24.8	169.8
State	17.2	119.6	4.6	25.6	95.9	660.4	117.6	805.6
Local	—	—	—	—	10.5	53.7	10.5	53.7
Tasmania								
Total Public	9.6	63.8	1.6	8.9	39.2	247.1	50.4	319.8
Commonwealth	3.8	26.0	0.7	3.5	4.7	35.9	9.3	65.4
State	5.4	35.8	0.9	5.4	31.4	195.2	37.6	236.4
Local	0.3	2.0	—	—	3.1	16.0	3.4	18.0
Northern Territory								
Total Public	2.8	20.9	0.4	2.6	17.6	134.5	20.8	157.9
Commonwealth	n.p.	n.p.	n.p.	n.p.	3.0	22.7	4.8	34.4
State	n.p.	n.p.	n.p.	n.p.	13.6	107.2	15.0	118.9
Local	—	—	—	—	0.9	4.6	0.9	4.6
Australian Capital Territory								
Total Public	3.9	27.3	0.8	4.5	65.0	538.5	69.7	570.3
Commonwealth	n.p.	n.p.	n.p.	n.p.	64.5	534.3	69.1	565.6
State	n.p.	n.p.	n.p.	n.p.	0.5	4.1	0.6	4.6
Local	—	—	—	—	—	—	—	—
Australia								
Total Public	388.4	2,811.3	73.4	401.1	1,223.8	8,041.7	1,685.5	11,254.1
Commonwealth	169.2	1,243.8	39.2	208.5	213.7	1,637.8	422.2	3,090.1
State	195.6	1,416.0	34.1	192.6	877.5	5,705.1	1,107.2	7,313.7
Local	23.6	151.6	—	—	132.5	698.7	156.2	850.3

TABLE 7. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA,  
PUBLIC INSTITUTIONAL SECTOR, FEBRUARY 1989  
PERSONS ('000)

<i>Industry</i>	<i>Public Trading Enterprises</i>	<i>Financial Enterprises</i>	<i>General Government</i>	<i>Total Public</i>
Agriculture, forestry, fishing and hunting	0.1	—	7.6	7.7
Mining	6.4	—	0.5	6.9
Manufacturing	24.0	0.5	18.6	43.2
Electricity, gas and water	102.9	—	17.7	120.5
Construction	4.4	—	36.7	41.1
Wholesale and retail trade	3.7	—	0.4	4.1
Transport and storage	104.2	—	34.8	139.0
Communication	125.9	—	—	125.9
Finance, property and business services	3.8	72.6	28.1	104.5
Public administration and defence(a)	2.4	—	313.3	315.9
Community services	0.7	—	750.5	751.2
Recreation, personal and other services	10.0	—	15.5	25.5
<b>Total all industries</b>	<b>388.4</b>	<b>73.4</b>	<b>1,223.8</b>	<b>1,685.5</b>

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc.

TABLE 8. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA,  
PUBLIC INSTITUTIONAL SECTOR, MARCH 1989  
GROSS EARNINGS (\$m)

<i>Industry</i>	<i>Public Trading Enterprises</i>	<i>Financial Enterprises</i>	<i>General Government</i>	<i>Total Public</i>
Agriculture, forestry, fishing and hunting	0.5	—	49.3	49.8
Mining	60.7	—	3.5	64.2
Manufacturing	147.7	2.9	120.6	271.2
Electricity, gas and water	765.0	—	118.2	883.2
Construction	31.5	—	249.5	281.0
Wholesale and retail trade	24.2	—	1.7	25.9
Transport and storage	786.2	—	249.5	1,035.8
Communication	908.7	—	—	908.7
Finance, property and business services	26.3	396.5	149.7	572.5
Public administration and defence(a)	16.4	—	2,037.1	2,055.1
Community services	4.0	—	4,949.5	4,953.5
Recreation, personal and other services	40.3	—	113.0	153.2
<b>Total all industries</b>	<b>2,811.3</b>	<b>401.1</b>	<b>8,041.7</b>	<b>11,254.1</b>

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc.

TABLE 9. EMPLOYED WAGE AND SALARY EARNERS - FULL-TIME AND PART-TIME(a) - FEBRUARY 1989

	Number of employees('000)					
	Full-time			Part-time		
	Males	Females	Persons	Males	Females	Persons
AUSTRALIA BY INDUSTRY						
Mining	74.8	7.1	81.9	1.7	1.2	2.9
Manufacturing	747.8	244.4	992.2	33.1	60.8	93.9
Electricity, gas and water	110.1	12.1	122.2	0.8	1.6	2.5
Construction	239.8	29.0	268.8	13.0	13.1	26.1
Wholesale trade	270.6	99.5	370.1	18.9	36.5	55.4
Retail trade	298.5	195.8	494.3	103.7	274.5	378.2
Transport and storage	222.6	49.5	272.0	20.5	14.6	35.1
Communication	94.6	26.1	120.7	1.6	4.0	5.6
Finance, property and business services	316.0	298.0	614.0	46.5	116.0	162.5
Public administration and defence(b)	185.9	95.1	281.0	7.0	27.9	34.9
Community services	377.1	464.8	842.0	56.9	325.8	382.7
Recreation, personal and other services(c)	105.7	90.4	196.1	91.7	168.9	260.6
Total all Industries(d)	3,049.6	1,613.0	4,662.6	395.6	1,045.4	1,440.9
Private	2,123.1	1,086.3	3,209.4	348.0	860.7	1,208.7
Public	926.5	526.7	1,453.2	47.6	184.7	232.3
STATES AND TERRITORIES						
New South Wales	1,057.3	575.2	1,632.6	144.9	341.4	486.3
Victoria	857.5	466.8	1,324.3	103.6	287.4	391.1
Queensland	471.4	232.8	704.2	64.0	159.6	223.6
South Australia	243.2	115.1	358.4	34.6	104.6	139.3
Western Australia	259.7	132.0	391.7	30.2	96.6	126.8
Tasmania	76.4	33.9	110.3	8.9	31.0	39.9
Northern Territory	26.6	18.0	44.6	3.1	6.9	10.0
Australian Capital Territory	57.5	39.1	96.6	6.2	17.9	24.1

(a) See Appendix 1-Explanatory Notes, paragraph 19. (b) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (c) Excludes private households employing staff. (d) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting.



TABLE 10. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA - SECTOR AND INDUSTRY

Industry	Number of employees('000)						Gross earnings	
	March 1988	December 1988	January 1989	February 1989		March 1989	March Quarter 1989	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE								
Mining	79.5	78.2	77.5	69.9	8.0	77.9	78.6	768.1
Manufacturing	1,023.4	1,027.3	1,027.9	743.9	299.1	1,043.0	1,044.4	6,158.7
Electricity, gas and water	5.8	4.1	4.1	3.3	0.8	4.1	4.1	29.5
Construction	238.7	252.4	248.4	216.4	37.4	253.8	254.0	1,590.5
Wholesale and retail trade	1,191.8	1,294.4	1,284.6	689.0	604.9	1,293.9	1,301.4	5,767.9
Transport and storage	151.8	165.9	162.9	121.6	46.6	168.1	167.5	1,026.6
Road transport	87.4	94.4	86.5	70.1	19.9	90.0	89.2	474.7
Other transport and storage	64.3	71.5	76.4	51.5	26.6	78.1	78.3	551.9
Finance, property and business services	629.5	652.7	657.9	316.9	355.0	672.0	669.8	4,147.6
Banking	86.9	90.1	89.7	39.5	50.3	89.7	90.4	548.2
Non-bank finance and investment	89.7	114.8	117.2	54.1	64.8	118.8	119.1	891.6
Insurance and services to insurance	55.4	61.3	62.2	28.4	34.4	62.9	62.7	437.6
Property and business services	397.6	386.5	388.9	195.0	205.6	400.5	397.6	2,270.2
Community services	453.2	460.7	453.0	125.3	348.2	473.5	481.6	2,152.6
Health	223.5	223.3	230.0	40.8	192.6	233.4	233.4	1,112.0
Education, museum and library services	100.9	103.4	90.1	30.7	70.3	101.1	106.5	471.0
Welfare and religious institutions	73.2	82.1	81.1	26.8	59.4	86.2	88.3	263.6
Other community services	55.6	52.0	51.9	26.9	25.9	52.8	53.4	306.0
Recreation, personal and other services(a)	418.8	432.8	424.6	184.5	246.7	431.2	432.3	1,447.6
Entertainment and recreational services	92.8	90.5	90.9	47.0	42.2	89.2	88.6	350.1
Restaurants, hotels, personal services	326.0	342.3	333.7	137.5	204.5	342.0	343.8	1,097.4
<b>Total all industries(b)</b>	<b>4,193.2</b>	<b>4,369.2</b>	<b>4,341.5</b>	<b>2,471.1</b>	<b>1,947.0</b>	<b>4,418.0</b>	<b>4,434.2</b>	<b>23,091.1</b>
COMMONWEALTH GOVERNMENT								
Manufacturing	23.4	22.2	21.7	18.0	3.9	22.0	21.9	151.2
Electricity, gas and water	1.8	2.3	2.3	2.0	0.4	2.3	2.3	18.2
Construction	6.0	5.5	5.5	5.1	0.5	5.6	5.6	38.5
Wholesale and retail trade	1.1	1.4	1.3	0.7	0.6	1.3	1.3	9.2
Transport and storage	38.5	40.5	41.3	32.0	9.3	41.3	41.3	342.4
Communication	131.6	127.5	125.6	95.9	29.9	125.9	126.8	908.7
Finance, property and business services	48.5	47.0	46.6	20.5	26.6	47.1	47.1	265.4
Public administration and defence(c)	114.5	111.2	110.1	60.3	50.2	110.5	111.1	847.4
Community services	55.8	55.0	53.0	26.9	27.2	54.1	54.7	413.8
Recreation, personal and other services(a)	11.4	12.1	11.8	7.3	4.7	12.0	12.0	94.8
<b>Total all industries(d)</b>	<b>432.8</b>	<b>424.6</b>	<b>419.5</b>	<b>268.8</b>	<b>153.4</b>	<b>422.2</b>	<b>424.3</b>	<b>3,090.1</b>

For footnotes see end of table.

TABLE 10. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA - SECTOR AND INDUSTRY-Continued

Industry	Number of employees('000)						Gross earnings	
	March 1988	December 1988	January 1989	February 1989		March 1989	March Quarter 1989	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
STATE GOVERNMENT								
Agriculture, forestry, fishing and hunting	7.8	7.7	7.4	6.2	1.3	7.5	7.5	48.9
Mining	6.9	6.7	6.8	6.5	0.3	6.8	6.7	63.7
Manufacturing	22.8	19.7	19.5	17.9	2.1	19.9	19.9	114.4
Electricity, gas and water	97.0	94.2	94.4	84.0	10.4	94.4	93.7	704.7
Construction	36.8	35.3	35.5	31.2	4.2	35.5	35.4	242.3
Wholesale and retail trade	3.4	3.0	2.7	1.9	0.8	2.7	2.8	16.4
Transport and storage	100.8	97.4	96.7	88.1	8.0	96.2	95.6	684.2
Finance, property and business services	57.5	56.4	56.6	25.1	32.3	57.4	58.0	307.1
Public administration and defence(c)	77.9	76.4	76.3	46.3	31.4	77.7	78.2	540.7
Community services	716.8	731.8	671.9	281.6	414.2	695.8	726.4	4,534.1
Recreation, personal and other services	13.4	13.3	12.6	5.3	7.9	13.3	13.6	57.2
Total all industries	1,141.1	1,141.9	1,080.4	594.1	513.0	1,107.2	1,137.8	7,313.7
LOCAL GOVERNMENT								
Electricity, gas and water	24.5	23.9	23.7	21.7	2.2	23.8	23.8	160.3
Public administration and defence(c)	127.7	129.4	125.6	86.3	41.3	127.7	128.3	666.9
Other industries	4.1	4.5	4.5	3.2	1.5	4.7	4.3	23.1
Total all industries	156.2	157.8	153.9	111.2	45.0	156.2	156.4	850.3

For footnotes see end of table.

TABLE 10. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA - SECTOR AND INDUSTRY-Continued

Industry	Number of employees('000)						Gross earnings	
	March 1988	December 1988	January 1989	February 1989		March 1989	March Quarter 1989	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
TOTAL PUBLIC								
Agriculture, forestry, fishing and hunting	8.0	7.8	7.5	6.3	1.4	7.7	7.7	49.8
Mining	6.9	6.8	6.8	6.6	0.3	6.9	6.8	64.2
Manufacturing	47.3	43.1	42.4	37.0	6.2	43.2	42.8	271.2
Electricity, gas and water	123.2	120.4	120.4	107.6	12.9	120.5	119.8	883.2
Construction	42.8	40.8	41.1	36.4	4.7	41.1	41.0	281.0
Wholesale and retail trade	4.6	4.4	4.1	2.6	1.4	4.1	4.1	25.9
Transport and storage	140.9	139.3	139.6	121.5	17.5	139.0	138.5	1,035.8
Road transport	21.3	21.6	22.1	19.8	2.4	22.2	22.1	149.5
Other transport and storage	119.6	117.7	117.5	101.7	15.2	116.9	116.3	886.3
Communication	131.6	127.5	125.6	95.9	29.9	125.9	126.8	908.7
Finance, property and business services	106.0	103.4	103.2	45.6	58.9	104.5	105.1	572.5
Banking	63.1	63.4	63.2	27.9	36.2	64.2	64.6	336.6
Non-bank finance and investment	2.1	2.2	1.8	1.0	0.8	1.8	1.8	15.0
Insurance and services to insurance	14.2	14.1	14.3	5.7	8.7	14.4	14.4	93.8
Property and business services	26.6	23.7	23.9	11.0	13.2	24.2	24.3	127.1
Public administration and defence(c)	320.0	317.0	312.0	192.9	123.0	315.9	317.6	2,055.1
Community services	773.6	788.1	726.2	308.8	442.4	751.2	782.5	4,953.5
Health	287.3	286.5	286.7	78.2	210.3	288.5	290.8	1,833.0
Education, museum and library services	364.9	381.0	319.4	144.2	196.3	340.5	369.7	2,255.2
Welfare and religious institutions	18.1	19.6	18.7	6.1	13.3	19.4	19.5	101.1
Other community services	103.4	101.0	101.4	80.2	22.6	102.8	102.5	764.3
Recreation, personal and other services	25.0	25.7	24.7	12.9	12.7	25.5	25.8	153.2
Total all Industries	1,730.0	1,724.3	1,653.7	974.1	711.4	1,685.5	1,718.5	11,254.1
PRIVATE AND PUBLIC								
Mining	86.4	85.0	84.4	76.5	8.3	84.8	85.4	832.3
Coal	30.6	29.6	29.9	29.2	0.9	30.1	30.2	324.5
Other mining	55.8	55.4	54.4	47.3	7.4	54.7	55.2	507.7
Manufacturing	1,070.8	1,070.3	1,070.3	780.9	305.3	1,066.2	1,087.2	6,429.9
Food, beverages and tobacco	181.2	173.5	177.1	124.5	57.2	181.7	182.4	1,078.2
Textiles	33.1	34.3	32.1	18.5	13.4	31.9	31.9	172.6
Clothing	60.5	62.7	59.7	12.5	47.8	60.3	60.3	242.7
Footwear	14.1	13.1	13.3	5.6	8.0	13.5	13.8	54.5
Wood and wood products	50.8	46.4	46.6	40.5	6.5	47.1	46.8	231.4
Furniture and mattresses	36.0	34.4	31.1	25.3	7.8	33.0	33.2	147.5
Paper and paper products	24.3	25.0	24.0	19.2	4.9	24.1	23.8	179.2
Printing and allied industries	88.3	88.9	91.0	57.2	35.5	92.7	92.7	554.6
Chemicals	52.7	54.8	52.7	36.3	17.1	53.4	53.5	392.9
Petroleum and coal products	4.3	3.9	4.4	4.1	0.3	4.4	4.4	47.9
Non-metallic mineral products	44.3	45.0	44.1	38.6	5.8	44.3	44.9	303.6
Basic iron and steel	46.0	44.0	43.6	40.0	3.5	43.5	43.3	341.8
Other basic metal products	29.2	28.2	27.8	25.7	2.4	28.0	28.0	218.7
Fabricated metal products	103.2	104.7	104.7	84.2	22.0	106.2	106.3	565.9
Motor vehicles and parts	65.0	68.2	70.3	57.0	13.8	70.7	71.3	394.3
Other transport equipment	43.0	39.6	39.0	36.7	2.9	39.6	39.6	247.3
Other machinery and equipment	129.0	133.6	138.3	105.6	34.1	139.7	139.8	851.4
Miscellaneous manufacturing	65.8	70.0	70.5	49.5	22.3	71.9	71.1	405.4

For footnotes see end of table.



TABLE 10. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA - SECTOR AND INDUSTRY-Continued

Industry	Number of employees('000)						Gross earnings	
	March 1988	December 1988	January 1989	February 1989		March 1989	March Quarter 1989	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE AND PUBLIC continued								
Electricity, gas and water	129.0	124.6	124.5	110.9	13.7	124.7	123.9	912.7
Electricity and gas	87.7	85.1	85.1	75.6	9.8	85.3	84.8	640.8
Water, sewerage and drainage	41.3	39.4	39.4	35.3	4.0	39.3	39.1	271.8
Construction	281.5	293.3	289.5	252.8	42.1	294.9	295.1	1,871.5
Wholesale and retail trade	1,196.4	1,298.9	1,288.7	691.7	606.3	1,298.0	1,305.5	5,793.8
Wholesale trade	401.2	411.3	419.9	289.5	136.0	425.5	428.4	2,647.6
Retail trade	795.2	887.6	868.8	402.2	470.3	872.5	877.1	3,146.2
Motor vehicles, petrol, tyres	181.6	199.1	202.4	160.9	43.6	204.6	206.0	1,027.2
Other retail trade	613.6	688.4	666.4	241.3	426.7	667.9	671.1	2,119.0
Transport and storage	292.6	305.2	302.4	243.1	64.1	307.2	305.9	2,062.4
Road transport	108.7	116.0	108.6	89.9	22.3	112.2	111.3	624.2
Rail transport	79.6	75.8	75.2	69.5	5.4	74.9	74.3	526.9
Water transport	7.4	9.8	10.3	8.0	3.6	11.6	11.3	84.5
Air transport	31.4	35.3	36.4	23.7	12.8	36.5	36.6	296.0
Other transport and storage	65.5	68.4	72.0	51.9	20.0	71.9	72.4	530.8
Communication	132.3	128.1	126.1	96.2	30.2	126.4	127.4	910.8
Finance, property and business services	735.5	756.1	761.2	362.5	414.0	776.5	774.9	4,720.1
Banking	150.1	153.5	152.9	67.4	86.5	153.9	155.0	884.8
Non-bank finance	43.0	46.5	58.8	25.1	34.3	59.4	59.7	437.4
Investment; services to finance and investment	48.8	70.5	60.2	30.0	31.3	61.2	61.3	469.2
Insurance and services to insurance	69.6	75.4	76.5	34.1	43.1	77.2	77.1	531.4
Property and business services	424.1	410.2	412.8	205.9	218.8	424.7	421.9	2,397.3
Public admin. and defence(c)	320.0	317.0	312.0	192.9	123.0	315.9	317.6	2,055.1
Commonwealth government admin.	90.5	86.8	87.5	45.3	42.5	87.8	88.5	678.8
State government admin.	71.0	71.0	69.1	42.3	28.2	70.6	71.1	493.1
Local government admin.	127.8	129.5	125.7	86.4	41.4	127.8	128.4	667.4
Other public admin. and defence(c)	30.7	29.7	29.7	18.9	10.9	29.7	29.6	215.8
Community services	1,226.9	1,248.8	1,179.2	434.0	790.7	1,224.7	1,264.0	7,106.1
Health	510.8	509.8	516.7	119.1	402.9	521.9	524.1	2,944.9
Education, museum and library services	465.8	484.3	409.5	175.0	266.6	441.6	476.2	2,726.2
Welfare and religious institutions	91.2	101.7	99.8	32.9	72.7	105.6	107.8	364.6
Other community services	159.0	153.0	153.2	107.0	48.5	155.5	155.9	1,070.3
Recreation, personal and other services(a)	443.8	458.6	449.3	197.4	259.3	456.7	458.1	1,600.8
Entertainment and recreational services	113.6	112.3	111.8	58.3	52.6	110.9	110.4	486.6
Restaurants, hotels; personal services	330.2	346.3	337.5	139.1	206.8	345.8	347.7	1,114.2
Total all industries(d)	5,923.2	6,093.5	5,995.3	3,445.2	2,658.4	6,103.5	6,152.7	34,345.2

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting.

TABLE 11. EMPLOYED WAGE AND SALARY EARNERS, SEASONALLY ADJUSTED, AUSTRALIA

Industry	Number of employees('000)				
	March 1988	December 1988	January 1989	February 1989	March 1989
Mining	86.9	84.8	84.4	84.3	85.8
Manufacturing	1,061.0	1,064.0	1,081.6	1,081.5	1,077.3
Construction	279.6	296.3	294.1	291.6	293.0
Wholesale and retail trade	1,198.2	1,266.0	1,286.2	1,294.2	1,307.5
Transport and storage	293.0	301.3	303.5	306.5	306.3
Communication	131.7	127.1	125.6	125.5	126.8
Finance, property and business services	732.7	759.7	765.9	772.5	771.9
Public administration and defence(a)	320.2	318.1	316.6	316.5	317.8
Community services	1,228.7	1,257.7	1,259.4	1,252.9	1,265.9
Recreation, personal and other services	437.6	451.7	449.7	451.1	451.7
Total all industries(b)(c)	5,912.8	6,062.5	6,100.5	6,104.4	6,142.9

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates, etc. (b) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting. (c) Derived indirectly by the addition of seasonally adjusted private and public sector estimates not by the summation of the component industries because not all industries are seasonally adjusted.

TABLE 12. EMPLOYED WAGE AND SALARY EARNERS, NEW SOUTH WALES - SECTOR AND INDUSTRY

Industry	Number of employees('000)						Gross earnings	
	March 1988	December 1988	January 1989	February 1989		March 1989	March Quarter 1989	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE								
Mining	23.6	21.5	21.7	20.5	1.1	21.6	21.8	220.0
Manufacturing	371.8	359.0	353.0	256.5	101.2	357.7	357.0	2,303.7
Electricity, gas and water; construction	87.4	85.0	86.0	74.3	12.8	87.1	88.1	563.7
Wholesale and retail trade	413.8	453.7	443.2	240.9	207.3	448.2	450.6	2,092.0
Transport and storage	53.8	59.1	59.4	42.7	18.0	60.7	59.6	395.7
Finance, property and business services	251.5	261.2	262.5	128.4	140.6	269.0	266.0	1,746.3
Banking	32.5	34.8	34.5	15.0	19.5	34.4	34.8	238.4
Non-bank finance, investment and insurance	60.0	74.0	73.1	34.2	40.3	74.5	74.3	575.3
Property and business services	159.0	152.4	154.9	79.2	80.8	160.1	156.9	932.5
Community services	158.9	158.1	154.2	39.1	121.8	160.9	164.3	774.8
Health	80.3	81.1	82.1	15.5	67.8	83.3	83.0	406.0
Education, museum and library services	37.9	35.3	30.8	7.6	27.5	35.1	38.1	171.4
Welfare and other community services	40.6	41.6	41.4	16.0	26.5	42.6	43.3	197.4
Recreation, personal and other services(a)	161.7	168.5	166.8	76.2	89.9	166.2	164.4	604.8
Total all industries(b)	1,522.8	1,566.2	1,547.2	878.8	692.9	1,571.7	1,572.1	8,702.2
PUBLIC								
Agriculture, forestry, fishing and hunting	3.3	3.1	2.7	2.2	0.5	2.7	2.7	18.6
Mining	3.6	3.5	3.5	3.4	0.1	3.5	3.5	36.4
Manufacturing	18.2	17.2	16.8	15.3	1.6	17.0	16.6	112.5
Electricity, gas and water; construction	57.8	54.2	53.8	48.1	5.9	53.9	53.8	401.1
Wholesale and retail trade	0.8	0.7	0.7	0.4	0.2	0.6	0.6	4.2
Transport and storage	55.3	55.2	54.4	46.0	8.3	54.3	53.8	421.6
Communication	46.6	46.0	45.0	34.2	10.7	44.9	45.3	322.4
Finance, property and business services	46.2	43.5	43.7	17.2	27.3	44.5	44.8	214.9
Banking	26.0	25.0	25.2	11.1	14.6	25.7	25.8	125.4
Non-bank finance, investment and insurance	5.3	5.0	5.0	1.9	3.2	5.1	5.1	37.0
Property and business services	15.0	13.5	13.5	4.2	9.5	13.7	13.9	52.5
Public administration and defence(c)	93.6	89.5	88.4	56.2	32.5	88.7	88.8	576.8
Community services	236.2	237.5	218.8	95.1	131.7	226.7	238.9	1,578.7
Health	85.8	85.8	87.9	23.6	63.2	86.8	87.8	582.4
Education, museum and library services	108.1	108.3	88.0	43.3	53.1	96.4	107.6	712.2
Welfare and other community services	42.3	43.4	42.8	28.2	15.4	43.5	43.5	284.1
Recreation, personal and other services	9.3	10.4	10.1	5.4	5.0	10.4	10.2	69.9
Total all industries	570.9	560.8	537.7	323.5	223.7	547.2	559.1	3,757.2

For footnotes see end of table.

TABLE 12. EMPLOYED WAGE AND SALARY EARNERS, NEW SOUTH WALES - SECTOR AND INDUSTRY-Continued

Industry	Number of employees('000)						Gross earnings	
	March 1988	December 1988	January 1989	February 1989		March 1989	March Quarter 1989	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE AND PUBLIC								
Mining	27.2	25.0	25.2	23.9	1.2	25.1	25.2	256.4
Manufacturing	390.1	376.1	369.9	271.9	102.8	374.7	373.6	2,416.2
Food, beverages and tobacco	55.3	55.1	55.3	38.6	17.5	56.1	55.7	376.3
Textiles; clothing and footwear	31.6	29.8	29.4	10.4	19.1	29.6	29.8	136.9
Wood and wood products	19.6	15.8	15.1	13.6	1.8	15.4	15.0	80.4
Furniture and mattresses	15.4	9.7	9.7	7.6	2.4	10.0	10.2	49.8
Paper, paper products, printing and publishing	40.0	37.9	38.1	24.9	13.6	38.5	38.5	270.2
Chemical, petroleum and coal products	27.3	27.4	26.8	17.8	9.4	27.2	27.2	209.6
Non-metallic mineral products	14.5	16.0	15.1	12.9	2.3	15.3	15.3	108.5
Basic metal products	36.5	35.2	34.3	32.0	2.6	34.6	34.4	280.2
Fabricated metal products	39.1	35.4	33.9	27.3	7.3	34.6	34.4	195.3
Motor vehicles and parts	8.1	8.3	9.7	7.7	2.2	9.9	10.0	56.4
Other transport equipment	18.4	17.8	17.5	16.6	1.3	17.9	17.6	112.0
Other machinery and equipment	58.3	62.9	60.1	45.4	15.3	60.7	60.4	381.9
Miscellaneous manufacturing	26.2	24.9	25.0	17.1	8.0	25.1	25.0	158.7
Electricity, gas and water	46.0	42.8	42.4	37.7	4.8	42.5	42.3	316.2
Construction	99.2	96.4	97.5	84.6	13.9	98.6	99.6	648.5
Wholesale and retail trade	414.6	454.4	443.8	241.3	207.5	448.8	451.2	2,096.3
Wholesale trade	148.8	145.3	148.0	100.1	49.8	149.9	150.8	972.2
Retail trade	265.8	309.1	295.9	141.1	157.7	298.9	300.4	1,124.0
Motor vehicles, petrol, tyres	64.5	67.3	69.0	55.3	14.5	69.8	70.5	354.6
Other retail trade	201.3	241.8	226.9	85.9	143.2	229.1	229.8	769.4
Transport and storage	109.1	114.3	113.8	88.7	26.3	115.0	113.5	817.3
Road transport	37.9	41.1	37.4	30.9	7.6	38.5	37.4	228.0
Other transport and storage	71.2	73.2	76.4	57.8	18.7	76.5	76.1	589.3
Communication	46.9	46.3	45.2	34.3	10.9	45.1	45.5	323.6
Finance, property and business services	297.7	304.7	306.2	145.6	167.9	313.5	310.9	1,961.2
Banking	58.4	59.8	59.7	26.1	34.0	60.1	60.6	363.9
Non-bank finance and investment	37.3	51.4	49.9	23.5	27.6	51.1	50.8	404.0
Insurance and services to insurance	28.0	27.6	28.1	12.7	15.8	28.5	28.6	208.3
Property and business services	173.9	165.9	168.4	83.4	90.4	173.8	170.8	985.0
Public admin. and defence(c)	93.6	89.5	88.4	56.2	32.5	88.7	88.8	576.8
Commonwealth government admin.	19.6	17.9	17.9	8.4	9.8	18.2	18.2	125.7
State government admin.	23.8	22.5	21.1	11.8	9.2	21.0	21.2	153.3
Local government admin.	41.7	41.7	41.2	30.5	10.8	41.3	41.2	246.7
Other public admin. and defence(c)	8.5	7.3	8.2	5.5	2.6	8.2	8.2	51.1
Community services	395.0	395.6	373.0	134.2	253.5	387.7	403.2	2,353.5
Health	166.1	166.9	170.1	39.1	131.0	170.1	170.7	988.4
Education, museum and library services	146.0	143.7	118.8	50.9	80.6	131.5	145.7	883.6
Welfare and other community services	82.9	85.0	84.2	44.2	41.9	86.1	86.8	481.6
Recreation, personal and other services(a)	171.0	178.9	176.9	81.6	94.9	176.5	174.6	674.7
Entertainment and recreational services	46.5	45.6	48.4	25.0	22.3	47.3	45.3	224.9
Restaurants, hotels, personal services	124.5	133.3	128.5	56.6	72.6	129.2	129.2	449.8
Total all industries(d)	2,093.7	2,127.0	2,085.0	1,202.2	916.6	2,118.8	2,131.2	12,459.4

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting.



TABLE 13. EMPLOYED WAGE AND SALARY EARNERS, VICTORIA - SECTOR AND INDUSTRY

Industry	Number of employees('000)						Gross earnings	
	March 1988	December 1988	January 1989	February 1989		March 1989	March Quarter 1989	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE								
Mining	5.2	5.7	5.9	5.0	1.0	6.0	6.4	53.0
Manufacturing	342.1	351.4	350.3	240.0	116.6	356.6	355.8	2,048.4
Electricity, gas and water; construction	62.5	70.1	65.1	54.9	11.3	66.2	66.1	420.7
Wholesale and retail trade	334.2	364.9	358.9	196.9	161.3	358.2	361.4	1,720.7
Transport and storage	45.2	45.8	45.8	34.1	13.4	47.5	48.3	268.7
Finance, property and business services	192.0	194.0	199.2	98.9	103.5	202.4	202.8	1,286.4
Banking	25.9	26.5	26.2	12.4	13.9	26.3	26.5	162.1
Non-bank finance, investment and insurance	*45.0	57.3	59.7	28.3	32.2	60.5	60.7	453.3
Property and business services	121.1	110.2	113.3	58.2	57.4	115.7	115.7	671.0
Community services	123.8	131.6	124.4	38.0	93.0	131.0	134.8	578.6
Health	52.9	54.8	54.9	9.6	46.3	55.9	56.0	268.7
Education, museum and library services	30.7	37.4	31.9	12.8	21.2	34.0	35.6	148.9
Welfare and other community services	40.2	39.5	37.6	15.6	25.5	41.1	43.1	161.1
Recreation, personal and other services(a)	96.9	102.2	96.9	43.2	58.0	101.2	103.0	300.3
Total all industries(b)	1,202.1	1,265.8	1,246.7	711.0	558.3	1,269.3	1,278.6	6,677.3
PUBLIC								
Agriculture, forestry, fishing and hunting	—	—	0.1	0.1	—	0.1	0.1	0.7
Mining	2.2	2.2	2.2	2.2	—	2.2	2.2	17.3
Manufacturing	14.1	12.7	12.4	10.0	2.5	12.5	12.4	82.0
Electricity, gas and water; construction	45.9	45.0	45.2	40.2	5.1	45.3	45.0	337.7
Wholesale and retail trade	1.3	1.1	1.1	0.7	0.4	1.1	1.1	8.2
Transport and storage	31.1	31.0	32.1	27.8	4.0	31.8	31.8	245.8
Communication	36.3	35.9	36.1	27.1	9.1	36.2	36.5	268.7
Finance, property and business services	21.9	22.2	22.1	9.4	12.8	22.2	22.4	125.3
Banking	17.6	17.9	17.8	7.8	10.2	18.0	18.2	99.7
Non-bank finance, investment and insurance	3.1	3.2	3.1	1.1	2.0	3.1	3.1	17.7
Property and business services	1.2	1.2	1.1	0.6	0.5	1.2	1.2	7.8
Public administration and defence(c)	85.8	86.2	83.8	47.9	38.2	86.1	86.5	508.9
Community services	210.0	222.0	201.2	82.3	120.8	203.1	207.7	1,306.5
Health	85.3	83.4	82.9	21.9	62.2	84.1	84.6	523.2
Education, museum and library services	97.5	111.5	91.2	40.9	51.1	92.1	96.1	582.7
Welfare and other community services	27.2	27.1	27.0	19.5	7.5	26.9	26.9	200.6
Recreation, personal and other services	5.4	5.7	5.3	2.5	3.0	5.6	5.9	29.1
Total all industries	454.0	464.1	441.6	250.2	195.9	446.1	451.6	2,930.2

For footnotes see end of table.

TABLE 13. EMPLOYED WAGE AND SALARY EARNERS, VICTORIA - SECTOR AND INDUSTRY-Continued

Industry	Number of employees('000)						Gross earnings	
	March 1988	December 1988	January 1989	February 1989		March 1989	March Quarter 1989	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE AND PUBLIC								
Mining	7.4	7.9	8.1	7.1	1.0	8.2	8.6	70.3
Manufacturing	356.2	364.2	362.7	250.0	119.1	369.1	368.2	2,130.4
Food, beverages and tobacco	51.4	49.7	49.3	35.4	17.2	52.6	51.9	317.4
Textiles; clothing and footwear	58.0	61.3	57.6	19.5	38.2	57.7	57.4	259.1
Wood and wood products	9.7	10.5	10.6	9.2	1.5	10.7	10.8	51.5
Furniture and mattresses	7.6	9.7	9.4	7.3	2.3	9.6	9.7	44.2
Paper, paper products, printing and publishing	36.3	38.8	38.2	25.6	13.6	39.2	38.9	243.4
Chemical, petroleum and coal products	18.7	19.6	19.0	13.4	5.7	19.1	19.0	148.9
Non-metallic mineral products	14.1	12.7	13.2	11.1	2.0	13.1	13.4	92.0
Basic metal products	14.2	12.4	13.0	11.5	1.4	12.9	12.9	96.6
Fabricated metal products	31.4	33.9	33.8	25.9	8.4	34.4	34.5	178.7
Motor vehicles and parts	39.4	39.9	39.1	30.5	8.6	39.1	39.6	220.7
Other transport equipment	12.3	10.1	10.0	9.1	0.9	10.1	10.0	64.1
Other machinery and equipment	39.5	38.6	43.2	32.9	10.8	43.7	43.8	266.9
Miscellaneous manufacturing	23.5	26.9	26.2	18.5	8.6	27.1	26.5	147.0
Electricity, gas and water	38.9	38.4	38.6	34.2	4.3	38.6	38.4	290.4
Construction	69.5	76.7	71.7	60.8	12.0	72.8	72.8	467.9
Wholesale and retail trade	335.6	366.0	360.0	197.5	161.8	359.3	362.5	1,728.9
Wholesale trade	117.8	130.6	127.9	88.3	41.4	129.7	130.8	861.4
Retail trade	217.7	235.4	232.1	109.2	120.4	229.6	231.7	867.5
Motor vehicles, petrol, tyres	45.9	54.0	54.0	43.4	10.5	53.9	54.4	271.3
Other retail trade	171.8	181.4	178.1	65.8	109.9	175.7	177.2	596.2
Transport and storage	76.3	76.9	77.9	61.9	17.4	79.3	80.0	514.5
Road transport	33.5	32.8	31.3	25.3	7.6	32.9	33.2	168.9
Other transport and storage	42.8	44.0	46.6	36.6	9.9	46.5	46.8	345.6
Communication	36.5	36.0	36.3	27.2	9.1	36.3	36.6	269.2
Finance, property and business services	213.9	216.2	221.3	108.3	116.3	224.7	225.3	1,411.6
Banking	43.5	44.4	44.0	20.1	24.1	44.3	44.7	261.8
Non bank finance and investment	*29.1	39.4	41.0	18.6	22.6	41.3	41.8	322.2
Insurance and services to insurance	18.9	21.1	21.8	10.7	11.6	22.3	22.0	148.8
Property and business services	122.3	111.3	114.5	58.9	58.0	116.8	116.8	678.8
Public admin. and defence(c)	85.8	86.2	83.8	47.9	38.2	86.1	86.5	508.9
Commonwealth government admin.	14.6	13.7	13.9	7.2	6.7	13.9	13.9	103.9
State government admin.	20.5	20.4	20.4	12.9	8.1	20.9	21.0	140.5
Local government admin.	41.7	42.7	40.4	22.1	20.1	42.1	42.4	190.7
Other public admin. and defence(c)	9.0	9.5	9.1	5.7	3.4	9.1	9.1	73.8
Community services	333.8	353.6	325.5	120.3	213.8	334.1	342.4	1,885.2
Health	138.3	138.2	137.8	31.5	108.5	140.0	140.6	791.9
Education, museum and library services	128.1	148.8	123.1	53.8	72.3	126.1	131.8	731.5
Welfare and other community services	67.4	66.5	64.6	35.0	33.0	68.0	70.0	361.8
Recreation, personal and other services(a)	102.3	107.9	102.3	45.8	61.0	106.8	108.9	329.4
Entertainment and recreational services	24.8	27.6	26.3	14.2	13.0	27.2	28.3	107.2
Restaurants, hotels, personal services	77.5	80.3	76.0	31.6	48.1	79.6	80.6	222.2
Total all industries(d)	1,656.1	1,729.9	1,688.3	961.1	754.2	1,715.3	1,730.3	9,607.5

(a) Excludes private households employing staff (b) Includes employees of private enterprises classified to communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting

TABLE 14. EMPLOYED WAGE AND SALARY EARNERS, QUEENSLAND - SECTOR AND INDUSTRY

Industry	Number of employees('000)						Gross earnings	
	March 1988	December 1988	January 1989	February 1989		March 1989	March Quarter 1989	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE								
Mining	17.5	18.1	18.2	16.6	1.7	18.3	18.4	201.9
Manufacturing	116.1	117.8	124.4	97.1	29.5	126.6	127.5	672.8
Electricity, gas and water; construction	39.8	47.8	47.2	43.2	5.9	49.1	49.3	287.1
Wholesale and retail trade	181.8	212.3	213.2	112.6	102.0	214.6	214.4	891.7
Transport and storage	20.3	24.0	24.7	19.3	7.2	26.5	26.2	157.3
Finance, property and business services	65.2	83.1	86.6	40.7	49.0	89.7	90.1	492.5
Banking	12.9	13.4	13.4	5.5	7.9	13.4	13.5	69.3
Non-bank finance, investment and insurance	*13.7	16.8	19.1	8.7	10.7	19.3	19.4	128.1
Property and business services	38.6	52.9	54.1	26.5	30.4	56.9	57.2	295.1
Community services	66.5	64.2	69.8	20.5	52.2	72.7	72.6	317.1
Health	34.0	29.7	34.6	6.2	28.2	34.4	34.9	166.7
Education, museum and library services	15.8	13.9	11.9	4.2	10.2	14.4	14.0	60.1
Welfare and other community services	16.7	20.6	23.2	10.1	13.7	23.8	23.7	90.2
Recreation, personal and other services(a)	69.6	73.0	78.3	32.2	47.1	79.3	81.2	261.9
Total all industries(b)	577.0	640.5	662.4	382.2	294.7	676.9	679.8	3,282.5
PUBLIC								
Agriculture, forestry, fishing and hunting	1.7	1.6	1.5	1.4	0.2	1.6	1.6	10.3
Manufacturing	6.5	5.2	5.2	4.9	0.9	5.8	5.8	32.4
Electricity, gas and water; construction	22.3	21.8	22.1	19.5	2.6	22.1	22.0	147.2
Wholesale and retail trade	1.7	1.6	1.6	1.2	0.4	1.6	1.6	9.0
Transport and storage	27.8	27.1	27.0	24.3	2.5	26.9	26.8	179.0
Communication	21.5	20.3	20.3	16.0	4.6	20.6	20.8	142.8
Finance, property and business services	12.1	12.0	12.0	6.2	5.9	12.1	12.1	70.6
Banking	6.1	6.1	6.1	2.6	3.4	6.1	6.1	30.9
Non-bank finance, investment and insurance	3.2	3.2	3.3	1.6	1.7	3.3	3.3	22.4
Property and business services	2.8	2.7	2.7	1.9	0.8	2.7	2.7	17.3
Public administration and defence(c)	43.6	43.7	43.5	30.6	13.8	44.4	44.8	257.8
Community services	111.9	110.6	106.3	48.1	65.5	113.6	116.6	663.4
Health	37.0	36.3	36.8	11.2	25.5	36.7	36.9	215.4
Education, museum and library services	56.6	55.7	50.6	21.9	35.4	57.4	60.2	314.8
Welfare and other community services	18.2	18.6	19.0	15.0	4.5	19.6	19.5	133.2
Recreation, personal and other services	2.6	2.1	2.1	0.9	1.2	2.1	2.1	11.3
Total all industries	251.7	246.0	241.6	153.1	97.7	250.8	254.3	1,523.9

For footnotes see end of table.

TABLE 14. EMPLOYED WAGE AND SALARY EARNERS, QUEENSLAND - SECTOR AND INDUSTRY-Continued

Industry	Number of employees('000)						Gross earnings	
	March 1988	December 1988	January 1989	February 1989		March 1989	March Quarter 1989	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE AND PUBLIC								
Mining	17.5	18.1	18.2	16.6	1.7	18.3	18.4	201.9
Coal	9.0	9.1	9.3	8.8	0.5	9.3	9.4	111.1
Other mining	8.5	9.0	8.9	7.7	1.3	9.0	9.0	90.9
Manufacturing	122.6	123.0	129.6	102.0	30.3	132.4	133.3	705.2
Food, beverages and tobacco	35.0	27.8	30.8	24.2	7.8	32.0	32.1	173.2
Textiles; clothing and footwear	*6.5	6.5	6.2	1.8	4.7	6.5	6.3	23.7
Wood and wood products	6.6	5.9	6.6	5.5	1.1	6.6	6.7	26.6
Furniture and mattresses	5.3	6.9	5.9	5.2	1.4	6.6	6.6	26.7
Paper, paper products, printing and publishing	11.2	13.0	14.5	9.8	4.8	14.6	14.6	77.4
Chemical, petroleum and coal products	4.1	4.6	4.7	3.5	1.4	4.9	4.9	31.4
Non-metallic mineral products	6.3	7.2	7.3	6.8	0.5	7.4	7.5	46.8
Basic metal products	6.5	7.1	6.7	6.0	0.5	6.5	6.5	50.0
Fabricated metal products	13.0	15.7	17.2	14.2	3.0	17.2	17.5	81.0
Motor vehicles and parts	3.6	4.1	5.8	5.5	0.5	6.0	6.0	31.6
Other transport equipment	7.0	6.4	6.1	5.8	0.3	6.1	6.4	38.1
Other machinery and equipment	11.8	11.1	11.3	9.1	2.1	11.3	11.6	68.5
Miscellaneous manufacturing	5.7	6.7	6.5	4.4	2.2	6.6	6.6	30.4
Electricity, gas and water	15.5	15.0	15.0	13.3	1.8	15.1	14.9	105.5
Construction	46.6	54.7	54.2	49.4	6.8	56.2	56.3	328.8
Wholesale and retail trade	183.5	213.9	214.8	113.8	102.4	216.2	216.0	900.7
Wholesale trade	54.9	58.4	64.1	45.5	19.8	65.2	65.8	367.9
Retail trade	128.7	155.5	150.7	68.3	82.6	150.9	150.2	532.8
Motor vehicles, petrol, tyres	30.9	38.9	39.8	30.7	10.0	40.7	40.5	218.6
Other retail trade	97.7	116.6	110.9	37.6	72.6	110.2	109.7	314.2
Transport and storage	48.1	51.1	51.6	43.6	9.8	53.4	53.0	336.3
Road transport	13.2	15.9	14.8	12.2	3.0	15.1	15.2	81.7
Other transport and storage	34.9	35.2	36.8	31.4	6.8	38.2	37.9	254.6
Communication	21.6	20.5	20.4	16.1	4.6	20.7	21.0	143.0
Finance, property and business services	77.3	95.1	98.7	46.9	55.0	101.8	102.2	563.1
Banking	19.0	19.5	19.5	8.2	11.4	19.5	19.6	100.2
Non-bank finance and investment	*8.9	10.2	12.1	6.2	6.1	12.3	12.2	79.1
Insurance and services to insurance	8.0	9.8	10.4	4.1	6.3	10.4	10.5	71.4
Property and business services	41.5	55.6	56.7	28.4	31.2	59.6	59.9	312.4
Public admin. and defence(c)	43.6	43.7	43.5	30.6	13.8	44.4	44.8	257.8
Commonwealth government admin.	9.4	9.8	9.8	4.9	5.0	9.8	9.8	71.0
State government admin.	9.6	9.1	8.8	5.9	3.8	9.7	9.9	57.1
Local government admin.	21.3	21.9	21.7	18.0	3.8	21.8	22.1	112.0
Other public admin. and defence(c)	3.3	2.9	3.1	1.9	1.2	3.1	3.0	17.7
Community services	178.4	174.8	176.1	68.7	117.6	186.3	189.2	980.4
Health	71.0	66.0	71.4	17.4	53.7	71.1	71.9	382.1
Education, museum and library services	72.4	69.6	62.5	26.2	45.6	71.8	74.2	374.9
Welfare and other community services	34.9	39.1	42.2	25.1	18.3	43.4	43.2	223.4
Recreation, personal and other services(a)	72.2	75.1	80.4	33.1	48.4	81.4	83.3	273.2
Entertainment and recreational services	14.9	15.5	14.9	7.4	6.6	14.0	14.0	49.0
Restaurants, hotels; personal services	57.4	59.6	65.5	25.7	41.8	67.5	69.3	224.3
Total all industries(d)	828.7	886.5	904.0	535.3	392.4	927.7	934.2	4,806.4

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting.



TABLE 15. EMPLOYED WAGE AND SALARY EARNERS, SOUTH AUSTRALIA - SECTOR AND INDUSTRY

Industry	Number of employees('000)						Gross earnings	
	March 1988	December 1988	January 1989	February 1989		March 1989	March Quarter 1989	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE								
Mining	5.0	4.6	4.0	3.5	0.5	4.1	4.1	37.9
Manufacturing	94.1	94.1	97.5	71.3	26.4	97.7	96.8	533.6
Electricity, gas and water; construction	19.1	18.3	18.6	16.7	2.2	18.9	19.2	106.0
Wholesale and retail trade	99.6	98.5	103.3	51.9	52.5	104.4	105.5	387.7
Transport and storage	10.5	13.4	11.2	8.7	2.4	11.1	11.2	66.6
Finance, property and business services	43.7	39.6	40.3	17.7	23.2	41.0	40.5	213.8
Banking	5.7	5.7	5.7	2.5	3.2	5.7	5.6	30.0
Non-bank finance, investment and insurance	9.3	11.1	11.7	4.9	6.8	11.7	11.7	69.9
Property and business services	28.8	22.8	22.9	10.3	13.2	23.5	23.2	113.9
Community services	39.6	39.5	39.6	10.3	31.0	41.3	41.2	186.6
Health	22.7	23.4	23.8	3.9	20.7	24.6	24.2	119.5
Education, museum and library services	5.6	5.6	5.0	2.3	3.4	5.7	6.0	28.3
Welfare and other community services	11.3	10.5	10.8	4.1	6.9	11.0	10.9	38.9
Recreation, personal and other services(a)	31.4	32.1	31.2	13.2	18.3	31.5	31.3	102.1
Total all industries(b)	343.0	340.1	345.6	193.4	156.6	350.0	349.8	1,634.4
PUBLIC								
Agriculture, forestry, fishing and hunting	0.6	0.6	0.6	0.5	0.1	0.6	0.6	3.5
Mining	1.2	1.1	1.2	1.0	0.2	1.1	1.1	10.4
Manufacturing	4.1	3.9	3.8	3.4	0.4	3.9	3.8	20.3
Electricity, gas and water; construction	14.4	15.1	15.1	13.7	1.5	15.2	15.0	100.0
Wholesale and retail trade	0.2	0.2	0.2	0.1	0.1	0.1	0.1	1.0
Transport and storage	11.0	10.7	10.6	9.6	1.0	10.6	10.5	73.7
Communication	10.3	9.4	9.3	7.4	1.9	9.3	9.2	69.9
Finance, property and business services	9.6	9.0	9.2	4.8	4.5	9.3	9.3	59.7
Banking	5.7	5.5	5.5	2.7	2.8	5.5	5.5	34.3
Non-bank finance, investment and insurance	1.5	1.5	1.5	0.7	0.8	1.5	1.5	8.7
Property and business services	2.5	2.0	2.3	1.4	0.9	2.3	2.3	16.7
Public administration and defence(c)	21.6	22.2	21.2	13.4	7.9	21.2	21.5	130.7
Community services	75.9	77.3	69.2	29.5	44.1	73.7	76.0	482.7
Health	29.3	31.1	30.5	7.9	23.2	31.1	31.3	176.7
Education, museum and library services	33.2	34.1	26.6	12.5	18.0	30.5	32.7	221.0
Welfare and other community services	13.4	12.0	12.1	9.1	2.9	12.0	12.0	84.9
Recreation, personal and other services	2.9	2.6	2.6	1.1	1.6	2.7	2.7	13.8
Total all industries	151.7	152.1	143.0	84.5	63.2	147.7	150.0	965.7

For footnotes see end of table

TABLE 15. EMPLOYED WAGE AND SALARY EARNERS, SOUTH AUSTRALIA - SECTOR AND INDUSTRY-Continued

Industry	Number of employees('000)						Gross earnings	
	March 1988	December 1988	January 1989	February 1989		March 1989	March Quarter 1989	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE AND PUBLIC								
Mining	6.2	5.7	5.2	4.5	0.7	5.2	5.2	48.3
Manufacturing	98.2	98.0	101.3	74.7	26.8	101.5	100.6	553.8
Food, beverages and tobacco	18.3	19.1	20.4	12.5	7.2	19.8	19.0	103.7
Textiles; clothing and footwear	6.5	6.7	6.6	2.6	4.0	6.6	6.7	27.4
Wood and wood products	6.4	5.6	5.6	4.7	0.9	5.6	5.6	26.8
Furniture and mattresses	3.2	2.6	2.5	2.0	0.5	2.6	2.6	10.1
Paper, paper products, printing and publishing	9.0	7.5	7.4	5.3	2.2	7.4	7.5	43.4
Chemical, petroleum and coal products	3.0	2.5	2.3	2.1	0.3	2.3	2.4	16.6
Non-metallic mineral products	3.0	3.1	2.7	2.5	0.2	2.7	2.7	18.7
Basic metal products	7.4	7.5	7.5	6.9	0.6	7.5	7.5	55.9
Fabricated metal products	8.7	8.5	8.4	6.8	1.6	8.4	8.1	41.1
Motor vehicles and parts	11.8	13.5	13.3	11.3	2.1	13.4	13.5	74.3
Other transport equipment	2.1	2.0	2.0	1.9	0.1	2.0	2.0	11.6
Other machinery and equipment	11.7	11.5	14.3	10.1	4.5	14.6	14.6	76.8
Miscellaneous manufacturing	7.2	7.9	8.3	5.9	2.6	8.4	8.4	47.5
Electricity, gas and water	10.9	10.7	10.8	9.7	1.1	10.8	10.7	73.6
Construction	22.6	22.7	23.0	20.6	2.6	23.3	23.5	132.4
Wholesale and retail trade	99.8	98.7	103.4	52.0	52.6	104.6	105.7	388.7
Wholesale trade	31.3	29.9	30.9	19.9	11.4	31.2	31.4	161.4
Retail trade	68.4	68.8	72.5	32.1	41.2	73.3	74.3	227.3
Motor vehicles, petrol, tyres	15.5	15.6	16.5	13.0	3.4	16.4	16.6	72.2
Other retail trade	53.0	53.2	56.0	19.1	37.8	56.9	57.7	155.1
Transport and storage	21.5	24.1	21.8	18.3	3.4	21.7	21.7	140.3
Road transport	8.7	9.7	9.8	8.4	1.4	9.8	9.7	60.1
Other transport and storage	12.8	14.4	12.0	9.9	1.9	11.9	12.0	80.2
Communication	10.3	9.4	9.3	7.4	1.9	9.3	9.3	69.9
Finance, property and business services	53.3	48.6	49.5	22.6	27.7	50.3	49.8	273.4
Banking	11.3	11.2	11.1	5.2	6.0	11.2	11.2	64.3
Non-bank finance and investment	5.1	5.4	5.9	2.4	3.5	5.9	5.9	32.8
Insurance and services to insurance	5.6	7.2	7.3	3.2	4.1	7.3	7.3	45.7
Property and business services	31.3	24.9	25.2	11.7	14.1	25.9	25.4	130.6
Public admin. and defence(c)	21.6	22.2	21.2	13.4	7.9	21.2	21.5	130.7
Commonwealth government admin.	5.6	5.7	6.0	3.2	2.8	6.0	6.4	39.4
State government admin.	5.4	5.6	5.5	3.5	2.0	5.5	5.5	36.8
Local government admin.	8.6	8.9	8.2	5.8	2.4	8.3	8.3	44.7
Other public admin. and defence(c)	1.8	*2.1	1.4	0.8	0.6	1.5	1.4	9.8
Community services	115.5	116.7	108.8	39.9	75.1	115.0	117.2	669.3
Health	52.0	54.5	54.3	11.8	43.9	55.7	55.6	296.2
Education, museum and library services	38.8	39.7	31.6	14.8	21.4	36.2	38.7	249.3
Welfare and other community services	24.7	22.5	22.9	13.2	9.8	23.1	22.9	123.9
Recreation, personal and other services(a)	34.3	34.8	33.8	14.3	20.0	34.2	34.0	115.9
Entertainment and recreational services	10.7	9.4	9.1	4.4	4.7	9.0	9.3	40.1
Restaurants, hotels; personal services	23.5	25.4	24.7	9.9	15.3	25.2	24.7	75.8
Total all Industries(d)	494.7	492.3	488.6	277.9	219.8	497.7	499.8	2,600.0

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting

TABLE 16. EMPLOYED WAGE AND SALARY EARNERS, WESTERN AUSTRALIA - SECTOR AND INDUSTRY

Industry	Number of employees('000)						Gross earnings	
	March 1988	December 1988	January 1989	February 1989		March 1989	March Quarter 1989	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE								
Mining	23.4	23.8	23.4	20.5	3.3	23.8	23.7	216.7
Manufacturing	67.7	71.1	69.6	53.1	17.7	70.8	73.3	402.5
Electricity, gas and water; construction	22.7	22.4	22.9	19.9	3.5	23.5	22.6	160.4
Wholesale and retail trade	109.8	112.2	112.4	58.7	55.7	114.4	115.5	465.8
Transport and storage	15.9	16.9	15.2	11.9	4.0	16.0	15.8	102.3
Finance, property and business services	54.2	49.4	46.4	20.2	26.6	46.8	46.7	276.6
Banking	5.9	6.0	6.1	2.5	3.5	6.1	6.1	29.4
Non-bank finance, investment and insurance	11.4	11.6	10.8	4.5	6.2	10.7	10.7	73.4
Property and business services	37.0	31.8	29.5	13.1	16.8	29.9	29.9	173.8
Community services	38.6	37.0	37.2	9.7	29.6	39.3	40.1	173.8
Health	21.6	20.7	20.9	3.6	17.6	21.2	21.3	94.6
Education, museum and library services	7.2	7.4	6.9	2.7	5.2	7.9	8.7	41.2
Welfare and other community services	9.8	8.9	9.4	3.3	6.8	10.1	10.1	37.9
Recreation, personal and other services(a)	33.5	32.7	30.6	11.9	19.3	31.2	30.7	103.8
Total all industries(b)	365.9	365.7	357.8	205.8	159.8	365.6	368.5	1,902.0
PUBLIC								
Agriculture, forestry, fishing and hunting	1.5	1.7	1.8	1.4	0.4	1.8	1.8	10.9
Mining	—	—	—	—	—	—	—	0.1
Manufacturing	3.1	2.8	2.7	2.4	0.4	2.7	2.7	16.0
Electricity, gas and water; construction	15.1	15.0	15.0	13.3	1.5	14.8	14.8	106.8
Wholesale and retail trade	0.4	0.3	0.3	0.2	0.1	0.3	0.3	2.1
Transport and storage	9.7	10.1	10.3	9.1	1.1	10.2	10.3	76.1
Communication	10.2	10.1	9.0	6.7	2.3	9.0	9.1	64.5
Finance, property and business services	10.0	10.4	10.3	4.8	5.6	10.4	10.5	61.5
Banking	6.0	6.4	6.4	2.7	3.8	6.5	6.5	33.2
Non-bank finance, investment and insurance	1.5	1.6	1.5	0.6	0.9	1.4	1.4	9.2
Property and business services	2.5	2.5	2.5	1.6	0.9	2.5	2.5	19.1
Public administration and defence(c)	23.3	22.4	23.3	14.4	9.2	23.6	23.8	153.4
Community services	81.5	81.0	74.5	30.6	47.1	77.8	84.3	526.0
Health	29.9	30.2	28.2	8.2	21.1	29.3	29.7	197.2
Education, museum and library services	39.4	39.0	35.2	13.9	22.6	36.5	42.6	236.0
Welfare and other community services	12.2	11.7	11.1	8.5	3.5	12.1	12.0	92.9
Recreation, personal and other services	2.0	2.1	2.0	1.1	1.0	2.1	2.1	11.7
Total all industries	156.8	155.9	149.2	84.1	68.8	152.9	159.7	1,029.1

For footnotes see end of table.



TABLE 16. EMPLOYED WAGE AND SALARY EARNERS, WESTERN AUSTRALIA - SECTOR AND INDUSTRY-Continued

Industry	Number of employees('000)						Gross earnings	
	March 1988	December 1988	January 1989	February 1989		March 1989	March Quarter 1989	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE AND PUBLIC								
Mining	23.4	23.8	23.4	20.5	3.3	23.8	23.7	216.8
Manufacturing	70.8	73.9	72.3	55.4	18.0	73.5	76.1	418.5
Food, beverages and tobacco	13.2	13.4	12.8	8.6	4.1	12.7	14.9	65.7
Textiles; clothing and footwear	3.0	3.6	3.5	1.5	2.0	3.5	3.7	15.0
Wood and wood products	4.8	4.9	5.1	4.3	0.9	5.2	5.1	27.7
Furniture and mattresses	3.6	4.8	3.0	2.7	1.0	3.6	3.6	14.2
Paper, paper products, printing and publishing	8.5	9.1	9.4	4.9	4.5	9.5	9.5	49.7
Chemical, petroleum and coal products	3.1	3.6	3.2	2.6	0.6	3.3	3.3	25.7
Non-metallic mineral products	5.3	4.6	4.5	3.9	0.6	4.5	4.6	29.1
Basic metal products	6.9	6.0	6.0	5.5	0.5	6.1	6.1	46.5
Fabricated metal products	8.7	8.4	8.6	7.3	1.3	8.6	8.8	48.9
Transport equipment	4.4	4.5	4.7	4.4	0.4	4.8	4.7	28.1
Other machinery and equipment	6.4	8.1	7.9	6.8	1.2	8.0	8.1	49.5
Miscellaneous manufacturing	2.9	3.0	3.7	2.9	0.9	3.8	3.7	18.3
Electricity, gas and water	10.6	10.4	10.4	9.4	0.9	10.3	10.2	73.9
Construction	27.2	27.0	27.5	23.9	4.1	28.0	27.1	193.3
Wholesale and retail trade	110.2	112.5	112.7	58.8	55.8	114.7	115.8	467.9
Wholesale trade	33.7	33.8	34.4	24.9	10.0	34.9	35.1	203.9
Retail trade	76.5	78.7	78.3	34.0	45.8	79.8	80.7	264.0
Motor vehicles, petrol, tyres	17.6	15.8	14.7	11.2	4.0	15.2	15.4	71.5
Other retail trade	58.9	62.9	63.6	22.7	41.8	64.6	65.2	192.5
Transport and storage	25.6	27.0	25.5	21.1	5.2	26.2	26.1	178.4
Road transport	9.8	10.6	9.4	8.3	1.9	10.2	10.1	52.3
Other transport and storage	15.8	16.5	16.1	12.7	3.3	16.0	16.0	126.1
Communication	10.3	10.1	9.0	6.7	2.3	9.0	9.1	64.5
Finance, property and business services	64.1	59.8	56.7	25.0	32.2	57.2	57.2	338.1
Banking	11.8	12.4	12.4	5.2	7.3	12.6	12.6	62.6
Non-bank finance and investment	6.9	7.0	6.8	3.1	3.6	6.8	6.8	47.5
Insurance and services to insurance	5.9	6.2	5.5	2.0	3.5	5.4	5.4	35.1
Property and business services	39.5	34.2	32.0	14.7	17.7	32.4	32.4	192.8
Public admin. and defence(c)	23.3	22.4	23.3	14.4	9.2	23.6	23.8	153.4
Commonwealth government admin.	6.1	5.0	6.0	2.9	3.1	6.0	6.1	41.0
State government admin.	5.5	5.7	5.7	3.5	2.3	5.9	5.9	49.2
Local government admin.	10.3	10.3	10.3	7.1	3.2	10.3	10.4	53.0
Other public admin. and defence(c)	1.4	1.5	1.4	0.8	0.6	1.4	1.4	10.3
Community services	120.1	118.1	111.7	40.3	76.8	117.1	124.4	699.8
Health	51.5	51.0	49.1	11.8	38.7	50.5	51.0	291.8
Education, museum and library services	46.6	46.4	42.1	16.6	27.8	44.4	51.3	277.2
Welfare and other community services	22.0	20.7	20.5	11.8	10.3	22.2	22.1	130.8
Recreation, personal and other services(a)	35.5	34.8	32.6	13.0	20.4	33.4	32.9	115.5
Entertainment and recreational services	7.3	7.1	6.3	3.6	2.9	6.5	6.4	30.3
Restaurants, hotels; personal services	28.3	27.7	26.2	9.4	17.4	26.8	26.5	85.2
Total all industries(d)	522.7	521.6	507.0	289.9	228.6	518.5	528.2	2,931.1

(a) Excludes private households employing staff (b) Includes employees of private enterprises classified to communication (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting.

TABLE 17. EMPLOYED WAGE AND SALARY EARNERS, TASMANIA - SECTOR AND INDUSTRY

Industry	Number of employees('000)						Gross earnings	
	March 1988	December 1988	January 1989	February 1989		March 1989	March Quarter 1989	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE								
Mining	2.9	2.8	2.7	2.5	0.1	2.7	2.7	24.8
Manufacturing	25.4	27.8	26.7	21.0	6.0	27.1	27.5	156.9
Electricity, gas and water; construction	5.4	4.2	3.9	3.3	0.7	4.0	3.9	18.7
Wholesale and retail trade	24.5	25.5	26.6	13.7	12.8	26.5	26.6	96.4
Transport and storage	4.0	4.2	4.2	3.5	0.8	4.3	4.3	23.1
Finance, property and business services	9.8	10.2	9.2	4.8	4.5	9.3	9.3	49.8
Banking	2.3	1.8	1.8	0.8	1.0	1.8	1.8	9.5
Non-bank finance, investment and insurance	*2.2	2.3	2.0	1.0	1.1	2.1	2.1	11.7
Property and business services	5.3	6.1	5.4	3.0	2.4	5.4	5.4	28.6
Community services	13.0	16.0	15.2	3.5	12.0	15.5	15.6	60.7
Health	*7.8	*8.9	9.1	1.0	8.2	9.2	9.0	35.4
Education, museum and library services	2.3	2.5	2.1	0.8	1.5	2.3	2.4	11.8
Welfare and other community services	2.9	4.6	4.0	1.7	2.3	4.0	4.2	13.5
Recreation, personal and other services(a)	13.7	10.8	10.3	3.9	6.6	10.5	10.3	35.9
Total all industries(b)	98.7	101.4	98.9	56.3	43.5	99.8	100.3	466.3
PUBLIC								
Agriculture, forestry, fishing and hunting	0.8	0.8	0.8	0.6	0.1	0.8	0.8	5.2
Manufacturing	0.1	0.1	0.1	0.1	—	0.1	0.1	0.7
Electricity, gas and water; construction	6.8	6.1	6.2	5.7	0.5	6.2	6.2	40.9
Wholesale and retail trade	0.2	0.2	—	—	—	—	—	0.1
Transport and storage	2.7	2.2	2.2	2.1	0.1	2.2	2.2	14.8
Communication	3.2	2.7	2.8	2.2	0.6	2.8	2.9	19.5
Finance, property and business services	2.6	2.7	2.6	1.4	1.3	2.7	2.7	16.0
Banking	0.8	1.5	1.4	0.6	0.8	1.5	1.5	8.0
Non-bank finance, investment and insurance	0.5	0.5	0.5	0.2	0.2	0.5	0.5	3.3
Property and business services	1.3	0.7	0.8	0.5	0.2	0.8	0.8	4.6
Public administration and defence(c)	8.7	10.1	10.0	6.7	3.3	10.0	10.0	63.2
Community services	26.0	27.4	25.3	9.7	15.1	24.8	25.7	154.4
Health	10.7	10.1	10.3	2.7	7.6	10.3	10.3	60.1
Education, museum and library services	12.3	14.1	11.9	4.8	6.5	11.3	12.3	68.5
Welfare and other community services	3.1	3.1	3.1	2.3	0.9	3.2	3.2	25.8
Recreation, personal and other services	0.6	0.7	0.7	0.5	0.3	0.8	0.7	5.0
Total all industries	51.9	53.0	50.8	29.0	21.4	50.4	51.3	319.8

For footnotes see end of table.

TABLE 17. EMPLOYED WAGE AND SALARY EARNERS, TASMANIA - SECTOR AND INDUSTRY-Continued

Industry	Number of employees('000)						Gross earnings	
	March 1988	December 1988	January 1989	February 1989		March 1989	March Quarter 1989	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
PRIVATE AND PUBLIC								
Mining	2.9	2.8	2.7	2.5	0.1	2.7	2.7	24.8
Manufacturing	25.5	27.9	26.8	21.1	6.1	27.2	27.6	157.6
Food, beverages and tobacco	7.2	7.3	7.2	4.3	2.9	7.2	7.5	35.5
Textiles; clothing and footwear	1.8	2.0	1.7	0.8	1.0	1.8	1.8	7.0
Wood; wood products and furniture	3.9	3.6	3.3	2.9	0.4	3.3	3.3	15.7
Paper, paper products, printing and publishing	5.1	5.3	5.2	4.5	0.8	5.2	5.3	36.3
Chemical, petroleum and coal products	0.9	1.1	1.1	1.0	0.1	1.1	1.2	8.6
Non-metallic mineral products	0.8	1.1	1.0	1.0	0.1	1.1	1.1	6.6
Basic metal products	2.8	2.9	2.9	2.8	0.1	3.0	3.0	20.5
Fabricated metal products	*1.4	*1.9	2.0	1.8	0.2	2.0	2.0	15.4
Transport equipment	0.7	0.8	0.7	0.6	0.1	0.8	0.8	3.6
Other manufacturing	*0.9	1.8	1.7	1.4	0.3	1.7	1.7	8.3
Electricity, gas and water	4.9	4.6	4.7	4.3	0.4	4.7	4.7	31.3
Construction	7.3	5.6	5.4	4.7	0.8	5.5	5.4	28.2
Wholesale and retail trade	24.6	25.7	26.6	13.7	12.8	26.5	26.6	96.4
Wholesale trade	7.0	7.2	8.2	5.9	2.1	8.0	8.1	38.0
Retail trade	17.7	18.5	18.4	7.8	10.6	18.5	18.5	58.5
Motor vehicles, petrol, tyres	3.5	3.9	4.1	3.7	0.5	4.2	4.2	18.3
Other retail trade	14.2	14.5	14.3	4.1	10.2	14.3	14.4	40.2
Transport and storage	6.7	6.4	6.4	5.6	0.9	6.5	6.5	37.9
Road transport	3.0	3.0	3.1	2.7	0.4	3.1	3.2	16.2
Other transport and storage	3.7	3.4	3.4	2.9	0.5	3.3	3.4	21.7
Communication	3.2	2.8	2.8	2.2	0.6	2.8	2.9	19.6
Finance, property and business services	12.4	12.9	11.9	6.2	5.8	12.0	12.0	65.8
Banking	3.0	3.2	3.2	1.4	1.8	3.3	3.3	17.6
Non-bank finance and investment	*1.4	*1.1	1.0	0.5	0.6	1.0	1.1	6.1
Insurance and services to insurance	1.3	1.6	1.5	0.8	0.8	1.5	1.5	8.9
Property and business services	6.6	6.9	6.2	3.5	2.6	6.2	6.1	33.2
Public admin. and defence(c)	8.7	10.1	10.0	6.7	3.3	10.0	10.0	63.2
Commonwealth government admin.	2.0	2.0	1.9	1.0	0.9	1.9	1.9	13.3
State government admin.	2.6	4.2	4.3	2.7	1.4	4.1	4.1	28.1
Local government admin.	3.3	3.1	3.1	2.4	0.8	3.1	3.1	16.0
Other public admin. and defence(c)	0.9	0.9	0.9	0.6	0.3	0.9	0.9	5.8
Community services	39.1	43.4	40.5	13.3	27.0	40.3	41.3	215.1
Health	18.4	19.0	19.3	3.7	15.8	19.5	19.3	95.5
Education, museum and library services	14.6	16.6	14.0	5.5	8.1	13.6	14.6	80.3
Welfare and other community services	6.0	7.8	7.1	4.0	3.2	7.2	7.4	39.3
Recreation, personal and other services(a)	14.3	11.4	11.0	4.4	6.9	11.3	11.1	40.9
Entertainment and recreational services	5.6	*3.3	3.2	1.6	1.6	3.2	3.3	15.7
Restaurants, hotels; personal services	8.7	8.2	7.7	2.8	5.2	8.0	7.8	25.2
Total all industries(d)	150.6	154.3	149.7	85.3	64.9	150.2	151.5	786.1

(a) Excludes private households employing staff. (b) Includes employees of private enterprises classified to communication. (c) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (d) Includes employees of government agencies classified to agriculture, forestry, fishing and hunting.



TABLE 18. EMPLOYED WAGE AND SALARY EARNERS, NORTHERN TERRITORY - INDUSTRY

Industry	Number of employees('000)						Gross earnings	
	March 1988	December 1988	January 1989	February 1989		March 1989	March Quarter 1989	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
Mining	1.8	1.6	1.5	1.2	0.2	1.4	1.4	13.3
Manufacturing	2.7	3.3	3.5	2.6	0.9	3.5	3.5	23.3
Electricity, gas and water	1.2	1.2	1.2	1.0	0.3	1.2	1.2	10.5
Construction	4.7	4.6	4.3	3.2	1.1	4.4	4.2	30.6
Wholesale and retail trade	7.6	9.7	11.4	6.1	5.6	11.7	11.6	49.8
Transport and storage	1.7	1.8	1.8	1.3	0.5	1.8	1.8	12.9
Communication	1.4	1.2	1.2	0.9	0.3	1.2	1.1	8.3
Finance, property and business services	5.2	4.9	4.6	2.2	2.5	4.7	4.8	26.5
Public administration and defence(a)	6.3	6.3	6.2	3.5	2.7	6.2	6.3	45.8
Community services	14.7	16.4	14.9	6.3	8.7	15.0	15.7	95.8
Health	5.3	5.4	5.7	1.8	4.1	5.8	5.8	41.1
Education, museum and library services	5.1	5.4	4.6	1.7	2.9	4.7	5.3	32.8
Welfare and other community services	4.4	5.6	4.5	2.8	1.7	4.5	4.6	22.0
Recreation, personal and other services(b)	3.5	4.8	3.2	1.3	2.1	3.5	3.4	14.8
Total all industries(c)	50.7	55.7	53.9	29.7	24.9	54.6	55.1	331.7

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (b) Excludes private households employing staff. (c) Includes employees of government agencies classified to agriculture, forestry and hunting.

TABLE 19. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIAN CAPITAL TERRITORY - INDUSTRY

Industry	Number of employees('000)						Gross earnings	
	March 1988	December 1988	January 1989	February 1989		March 1989	March Quarter 1989	
	Persons	Persons	Persons	Males	Females	Persons	Persons	\$m
Manufacturing	4.7	3.9	4.2	3.1	1.2	4.3	4.3	24.9
Electricity, gas and water	0.9	1.4	1.5	1.3	0.2	1.5	1.5	11.3
Construction	4.5	5.6	5.9	5.5	0.7	6.2	6.1	41.6
Wholesale and retail trade	20.6	18.1	15.9	8.5	7.8	16.3	16.1	65.0
Transport and storage	*3.6	3.7	3.6	2.6	0.7	3.3	3.3	24.7
Communication	2.1	1.8	1.8	1.4	0.5	1.9	1.9	12.6
Finance, property and business services	11.5	13.8	12.3	5.8	6.7	12.4	12.8	80.3
Public administration and defence(a)	37.1	36.5	35.6	20.3	15.4	35.7	35.9	318.3
Community services	30.3	30.3	28.6	11.3	18.1	29.4	30.6	206.9
Health	8.1	8.7	9.0	2.0	7.2	9.1	9.2	58.0
Education, museum and library services	14.1	14.1	12.7	5.5	8.0	13.5	14.6	96.6
Welfare and other community services	8.0	7.5	6.9	3.8	3.0	6.8	6.8	52.3
Recreation, personal and other services(b)	10.7	10.8	9.2	3.9	5.7	9.6	9.9	36.3
Total all industries(c)	126.2	126.2	118.9	63.7	57.0	120.7	122.4	823.0

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc. (b) Excludes private households employing staff. (c) Includes mining and employees of government agencies classified to agriculture, forestry, fishing and hunting

TABLE 20. EMPLOYED WAGE AND SALARY EARNERS, PRIVATE SECTOR - EMPLOYER UNIT SIZE(a)

	<i>Less than 20 employees</i>		<i>20-99 employees</i>		<i>100 or more employees</i>		<i>Total</i>	
	<i>Feb. 1989</i>	<i>March Quarter 1989</i>	<i>Feb. 1989</i>	<i>March Quarter 1989</i>	<i>Feb. 1989</i>	<i>March Quarter 1989</i>	<i>Feb. 1989</i>	<i>March Quarter 1989</i>
	<i>Persons ('000)</i>	<i>Gross Earnings (\$m)</i>	<i>Persons ('000)</i>	<i>Gross Earnings (\$m)</i>	<i>Persons ('000)</i>	<i>Gross Earnings (\$m)</i>	<i>Persons ('000)</i>	<i>Gross Earnings (\$m)</i>
<b>AUSTRALIA BY INDUSTRY</b>								
Mining	5.8	40.5	9.1	84.1	63.0	643.5	77.9	768.1
Manufacturing	183.0	843.4	222.9	1,168.5	637.1	4,146.8	1,043.0	6,158.7
Electricity, gas and water	0.2	0.8	0.4	2.9	3.5	25.8	4.1	29.5
Construction	132.2	647.5	64.1	456.4	57.6	486.7	253.8	1,590.5
Wholesale and retail trade	512.4	2,009.7	268.8	1,444.7	512.7	2,313.5	1,293.9	5,767.9
Transport and storage	59.9	253.5	39.3	251.6	69.0	521.5	168.1	1,026.6
Finance, property and business services	231.0	1,234.4	153.5	1,047.3	287.5	1,866.0	672.0	4,147.6
Community services	139.2	667.7	102.0	439.2	232.4	1,045.7	473.5	2,152.6
Recreation, personal and other services(b)	186.8	533.8	132.9	448.1	111.4	465.7	431.2	1,447.6
<b>Total all industries(c)</b>	<b>1,450.8</b>	<b>6,232.3</b>	<b>992.9</b>	<b>5,342.8</b>	<b>1,974.3</b>	<b>11,516.1</b>	<b>4,418.0</b>	<b>23,091.1</b>
<b>STATES AND TERRITORIES</b>								
New South Wales	510.5	2,271.5	342.6	1,927.7	718.6	4,503.0	1,571.7	8,702.2
Victoria	392.0	1,661.5	273.1	1,486.5	604.2	3,529.3	1,269.3	6,677.3
Queensland	239.5	991.9	160.6	833.4	276.8	1,457.1	676.9	3,282.5
South Australia	118.1	501.1	73.3	339.2	158.7	794.0	350.0	1,634.4
Western Australia	117.5	493.7	91.2	501.6	156.9	906.6	365.6	1,902.0
Tasmania	37.2	149.4	25.6	115.2	37.0	201.7	99.8	466.3
Northern Territory	13.0	57.1	13.1	65.7	7.6	51.0	33.8	173.8
Australian Capital Territory	23.0	105.9	13.5	73.4	14.5	73.5	51.0	252.8

(a) See Appendix 2. (b) Excludes private households employing staff. (c) Includes employees of private enterprises classified to communication.

## APPENDIX 1 - EXPLANATORY NOTES

### Introduction

This publication contains results of the quarterly Survey of Employment and Earnings (SEE) which was introduced in the September quarter 1983. The survey is designed to obtain, from employer units, information on numbers of wage and salary earners employed each month and their quarterly earnings. It replaces the civilian employees series, based principally on information obtained from payroll tax returns, which was discontinued after April 1980.

2. Background information on the reasons for the introduction of this survey is provided in *Information Paper: Review of ABS Employment Statistics* (6239.0) published on 8 July 1981. Further information on the differences in concepts, methodology and coverage of the old and new employment series is provided in *Information Paper: New Statistical Series: Employment, Average Weekly Earnings, Job Vacancies and Overtime* (6256.0) issued on 21 June 1984.

### Scope of the survey

3. All wage and salary earners who received pay in any pay period ending within the quarter were represented in the survey, except: members of the Australian permanent defence forces; employees of enterprises in the private sector primarily engaged in agriculture, forestry, fishing and hunting; employees in private households employing staff; employees of overseas embassies, consulates, etc; employees based outside Australia.

4. As an indicator of the number of employed wage and salary earners out of scope of the survey, and included in the first three groups above, the following estimates derived from other sources show the average number of employees for the year ended June 1988 as: New South Wales 73,600; Victoria 42,700; Queensland 49,800; South Australia 18,100; Western Australia 28,500; Tasmania 12,400; Northern Territory 2,700; Australian Capital Territory 7,500; and Australia 235,300.

### Survey design

5. The survey is conducted by mail each quarter with data collected on monthly number of employees and quarterly earnings. For the first and last month of each quarter, only the total number of persons is collected; for the mid month of each quarter, details of males and females, full-time and part-time are collected.

6. For the *Private* and *Public* sectors, samples of approximately 15,000 private and 2,500 public employer units were selected from the ABS register of businesses to ensure adequate State and industry representation. The statistical unit for the survey comprises all activities of an enterprise in a particular State. Each statistical unit was classified to an industry which reflected the predominant activity of the enterprise in the State. In a small number of cases where an enterprise had a significant number of employees in more than one industry, a separate statistical unit was created for each industry. Periodically, a review is undertaken to determine whether existing enterprises

which are split into separate statistical units should continue to report on that basis. In addition, larger enterprises which are not currently split into separate statistical units are examined to decide whether they should be split for the purpose of reporting their employees. Any changes in reporting arrangements as a result of such review can have an impact on the industry estimates at the time of their implementation. Private sector statistical units are stratified by State, industry, and number of employees. Public sector statistical units are further stratified by institutional sector. An equal probability sample is selected from each stratum.

7. For the March quarter 1988 survey, a new private sector sample was introduced which reduced the number of private sector statistical units selected from 20,000 to 15,000. The new allocation of units within the existing stratification was achieved without significant loss of accuracy in the main estimates. The greater than usual change in the sample in recent quarters, however, has caused an increase in the standard error of the movement in the estimates between those periods (see paragraphs 10 to 12, below, for more information on interpretation of estimates of movements).

8. For the September quarter 1988, public sector sampling was introduced which reduced the number of public sector statistical units from a complete enumeration of approximately 4,000 to a sample of 2,500. This change has also been achieved without significant loss of accuracy in the main estimates, however, a different estimation system than that used for the private sector has been used for the public sector estimates for September and December quarters 1988 and March quarter 1989. This is an interim step with future quarterly public sector data intended to be produced using the same estimation system as for the private sector.

### Reliability of estimates

9. Estimates are subject to sampling and non-sampling errors. For more information refer to Appendix 3 - Technical Note.

### Interpretation of estimates of movements

10. While estimates of employed wage and salary earners are presented in this publication for each month of the quarter, the survey is conducted quarterly and the sample of employer units is updated each quarter to reflect changes in the ABS register of business units, from which the sample is selected. These changes arise from the emergence of new businesses, takeovers and mergers, changes to industry classification, changes in the number of employees, and businesses which have ceased operations. Such updating of the register can contribute to sudden changes in the estimates of employed wage and salary earners, and earnings.

11. Recently the ABS has introduced new definitions and rules for recording units on the register with greater emphasis being given to the way organisations are structured and the type of data available from businesses'



accounts. In order to correctly interpret these new rules, the ABS has commenced a program of visits to the largest private and public sector organisations in Australia to obtain up to date information on their structure and operations. The outcome of these visits and the adoption of new units definitions will be changes in the survey estimates, as outlined in paragraph 10 above.

12. Estimates of monthly movements within each quarter arise solely from changes in reported number of employees by employer units but movements between quarters also reflect changes resulting from updating the survey sample.

#### Seasonal Adjustment

13. Seasonally adjusted series are published in Tables 2, 5 and 11. Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effects of other influences on the series can be more clearly recognised. Seasonal adjustment does not remove the irregular or non-seasonal influences which may be present in any particular month. Influences that are volatile or unsystematic can still make it difficult to interpret the movement of the series even after adjustment for seasonal variation.

14. The series have been seasonally adjusted from September 1983 and the historical series can be made available on request. The seasonal factors will be reviewed annually to take account of each additional year's original data.

15. It is possible that the seasonality of employment has been affected to varying degrees by the changed patterns of school holidays in some States. The impact of these changes on seasonally adjusted estimates cannot be assessed at this stage, and such effects are contained in both original and seasonally adjusted series.

16. Details about the method of seasonal adjustment of these series are available on request.

#### Standard Institutional Sector Classification of Australia (SISCA)

17. SISCA is a system for classifying institutional units by broad economic sectors and is a key component of the general national accounting framework. For the purposes of these statistics the classification has been used to separate public sector enterprises into public business (trading and financial) and general government. Certain public sector data have been classified by SISCA and are presented in Tables 6, 7 and 8.

#### Comparability of results

18. This series differs in several important ways from the former payroll tax-based civilian employees series, and estimates of employed wage and salary earners obtained from the Labour Force Survey (LFS). It provides an estimate of the number of jobs occupied by people, whereas the other two series provide estimates of the number of people in jobs. For this series, data are obtained directly from a sample survey of employer units drawn from the ABS register of business units, which is more complete than the coverage provided by employers subject to payroll tax. Comparability with LFS estimates is affected

by the use of a different survey methodology and definitions. In addition, because of unavoidable time delays, which can vary across States, lags occur between the birth of new businesses and their appearance on the ABS register. They will not be represented in the sample selected from the register for one or two quarters after such businesses have commenced operation. As a consequence, estimates of movements in this series will lag those produced from the LFS, particularly at a time of upward movement in the business cycle. A detailed description of the comparability between the SEE series, the former payroll tax-based Civilian Employees series and the series provided by the LFS is presented in the *Information Paper: New Statistical Series: Employment, Average Weekly Earnings, Job Vacancies and Overtime* (6256.0). Additional detail on the differences between the SEE and the LFS series appears in the *Information Paper: Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings* (6263.0), and in the supplement to the December 1986 issue of the *Treasury Roundup*.

19. Separate estimates of full-time and part-time employees are included in Table 9. For definitions of these terms, see Appendix 2 - Glossary. This table was first published in the June quarter 1987 issue of this publication and has not been published for previous quarters back to September 1983. This information is available on request. For the reasons outlined above in paragraph 18, it is difficult to compare estimates of full-time and part-time employees derived from the SEE with those produced from the LFS. Generally, the number of full-time employees is higher in the LFS series, and the number of part-time employees is higher in the SEE series. In the LFS, a person who works more than 35 hours a week in total in two (or more) part-time jobs is classified as working full-time. However, in this situation, the SEE would show two part-time jobs as having been filled.

20. The SEE collects total quarterly employee earnings primarily for use in estimating the gross domestic product component of the Australian National Accounts. Whilst average employee earnings can be derived from these data, the results will not be comparable with those from the Survey of Average Weekly Earnings (AWE) published in *Average Weekly Earnings, States and Australia* (6302.0). The SEE collects the sum of employee earnings paid in all pay periods ending in a quarter and the results will be affected by the varying number of pay periods from quarter to quarter, whereas the AWE relates to a specified pay period within a quarter and is not subject to such influences. In addition, certain types of payments within the scope of the SEE, such as retrospective pay, pay in advance, leave loadings and severance, termination and redundancy payments are specifically excluded from the AWE. The SEE earnings data are also subject to seasonal variations particularly in December and March quarters due to the incidence of holidays taken in January being paid in advance and the earnings being reported in December quarter figures.

21. Prior to July 1983 the number of public sector employees was derived from a variety of administrative

sources and published in *The Labour Force, Australia* (6203.0). Public sector employee figures for July 1983 and subsequent months are based on data obtained from government departments and authorities using the same questionnaire, definitions, reference period, collection and processing procedures as for the sample of private employer units.

22. Differences occur between the new and old public sector series because of the changes to collection arrangements, reference period, the treatment of part-time employees and inclusion of public employees in forestry and services to agriculture (11,200 in May 1983). To provide a statistical link between the new and old public sector series, information on the new and old basis for April, May and June 1983 was released in the September quarter 1983 issue of this publication.

#### Employer unit size classification

23. Data presented in Table 20 show the concentration of employees in employer units in three size ranges. Over a period, the composition of these categories will vary as some employer units migrate from one size group to another due to changes in their employment levels. This will affect changes over time in the distribution of employees by size of employer unit.

#### Semi-logarithmic graphs

24. Diagram 5 on page 3 has been drawn using a logarithmic vertical scale to facilitate comparisons of rates of growth in series of differing magnitude. Equal distances on the vertical scale (over equal time periods) indicate equal rates of growth.

#### Related publications

25. Users may also wish to refer to the following publications which are available on request:

*The Labour Force, Australia* (6203.0) — issued monthly

*Information Paper: Comparison of Employment Estimates from the Labour Force Survey and the Survey of Employment and Earnings* (6263.0) — issued 11 July 1985

*Average Weekly Earnings, Australia (Preliminary)* (6301.0) and *Average Weekly Earnings, States and Australia* (6302.0) — issued quarterly

*Pay Periodicity of Gross Wages and Salaries, Australia, September quarter 1984* (6347.0) — issued 5 September 1985

*Occasional Paper No. 1986/1: Statistics on Wages, Earnings, Income and Labour Costs — A Guide to Their Concepts, Measurement and Usage* — issued June 1986

*A Guide to Labour Statistics* (6102.0) — issued 10 February 1986

*Small Business in Australia 1983-84 to 1986-87* (1321.0) — issued September 1988.

26. Current publications produced by the ABS are listed in the *Catalogue of Publications, Australia* (1101.0). The ABS also issues, on Tuesdays and Fridays, a *Publications Advice* (1105.0) which lists publications to be released within the next few days. The Catalogue and Publications Advice are available from any ABS office.

#### Unpublished statistics

27. In some cases, the ABS can also make available other information which is not published. This information may be made available in one or more of the following forms: microfiche, photocopy, data tape, computer print-out, diskette, clerically-extracted tabulation. Generally, a charge is made for providing unpublished information. Inquiries should be made to the officer whose name appears in the *Phone Inquiries* section of the Inquiries box at the front of this publication, or to Information Services in the nearest ABS office.

#### Symbols and other usages

- nil or rounded to zero
- \* subject to sampling variability too high for most practical purposes. See paragraph 3 of *Appendix 3 - Technical Note*.
- n.p. not available for separate publication (but included in totals where applicable)

28. Where figures have been rounded, discrepancies may occur between sums of the component items and totals.

#### Electronic services

**VIATEL.** Key \*656# for selected current economic, social, and demographic statistics.

**AUSSTATS.** Thousands of up-to-date time series are available on this ABS on-line service through CSIRONET. For further information phone the AUSSTATS Help Desk on (062) 52 6017.

**TELESTATS.** This service provides foreign trade statistics tailored to users' requirements. Further information is available on (062) 52 5404.

#### Floppy disk service

Selected ABS statistics are available on floppy disk. For further information phone (062) 52 6684.



## APPENDIX 2 - GLOSSARY

**Commonwealth government employees.** Persons employed by all departments, agencies and authorities created by or reporting to the Commonwealth Parliament, including trading bodies such as banks, airlines and communications bodies. Those bodies run jointly by Commonwealth and State governments are classified to Commonwealth.

**Employer units** are the statistical units which make up the population from which the sample was drawn (see paragraph 6 of Appendix 1 - Explanatory Notes).

**Employer unit size.** To derive estimates of employer unit size, each of the approximately 15,000 private sector employer units is allocated a size classification based on the number of employees actually reported for the middle month of the quarter. The size classification reflects the size of an enterprise in a particular State/Territory and not necessarily the size of an enterprise Australia wide.

**Full-time employees.** Permanent, temporary and casual employees who normally work the agreed or award hours for a full-time employee in their occupation and who received pay for any part of the reference period. If agreed or award hours do not apply, employees are regarded as full-time if they ordinarily work 35 hours or more per week.

**General government enterprises.** Public sector enterprises mainly engaged in the production of goods and services, outside the normal market mechanisms, providing these goods and services to the general public. The costs of operations are often financed from public revenues, e.g. Governments Departments

**Gross earnings.** Payments to employees before tax and other items (such as superannuation) are deducted. They comprise ordinary time and overtime earnings; overaward payments; penalty payments, shift and other remunerative allowances; commissions and retainers; bonuses and similar payments; payments under incentive or piecework; payments under profit-sharing schemes; leave loadings; annual and long service leave payments; sick leave payments; advance and retrospective payments; salaries and fees paid to company directors, members of boards, committees, commissions, councils, etc.; amounts paid to employees on workers' compensation which are not covered by insurance, i.e. 'make-up' pay; and severance, termination and redundancy payments.

**Industry.** Industry is classified according to the *Australian Standard Industrial Classification (ASIC) 1983 Edition* (1201.0).

**Institutional sector.** Institutional sector is classified according to the *Standard Institutional Sector Classification of Australia (SISCA) 1987 Edition* (1218.0).

**Local government employees.** Persons employed by municipalities and shires and other local authorities created by or subject to the provisions of local govern-

ment legislation, such as county councils in New South Wales.

**Number of employees.** All wage and salary earners who received pay for any part of the relevant pay period. All permanent, temporary, casual, managerial and executive employees are included. Part-time and casual employees who may have worked only a few hours during the reference period are included. Employees on paid leave and those employees on workers' compensation who continue to be paid through the employer's payroll are also included. Casual employees who work on an irregular basis and who were not paid during the relevant pay period, employees on leave without pay, on strike or stood down without pay for the whole of the pay period are excluded.

**Part-time employees.** Permanent, temporary and casual employees who are not classified as full-time employees as defined.

**Public employees.** Administrative employees and all other employees of Commonwealth, State and Local government businesses and financial undertakings engaged in services such as railways, road transport, banks, postal and telecommunications, air transport, education, radio, television, police, public works, factories, marketing authorities, hospitals and welfare institutions.

**Public financial enterprises.** Public sector enterprises actively involved in financial market transactions such as borrowing and lending. Excluded are those public bodies whose funds flow directly to or from general government revenue.

**Public trading enterprises.** Public sector enterprises predominately engaged in the production of goods and services with an intention of maximising profits and financial returns with most operating costs being derived from trading activities.

**Reference period for the number of employees.** The last pay period ending on or before the third Friday in each month.

**Reference period for earnings.** All pay periods for which the end of the pay period falls within the quarter.

**Sector.** Public sector includes local government authorities and all government departments, agencies and authorities created by, or reporting to the Commonwealth and State Parliaments. All remaining employees are classified as private sector.

**State government employees.** Persons employed by all State government departments and authorities created by, or reporting to, State Parliaments, including organisations for which the Commonwealth has assumed financial responsibility, e.g. universities. Following self-government, the Northern Territory administration has been classified as a 'State' government.

## APPENDIX 3 - TECHNICAL NOTE

### Reliability of estimates

Estimates for both the private and public sectors in this publication are subject to sampling variability because they are based on information relating to a sample of employer units rather than a full enumeration, (i.e. they may differ from the figures that would have been produced if the information had been obtained from all employer units). This difference, called sampling error, should not be confused with inaccuracy that may occur because of imperfections in reporting by respondents or in processing by the ABS; such inaccuracy is referred to as non-sampling error and may occur in any enumeration, whether it be a full count or sample. Efforts have been made to reduce the non-sampling error by careful design of questionnaires, detailed checking of returns and quality control of processing.

2. The sampling error associated with any estimate can be estimated from the sample results. One measure of sampling error is given by the *standard error* which indicates the degree to which an estimate may vary from the value that would have been obtained from a full enumeration (the 'true' figure). There are about two chances in three that a sample estimate differs from the true value by less than one standard error, and about nineteen chances in twenty that the difference will be less than two standard errors.

3. If the standard error of an estimate is large relative to the size of the estimate, the usefulness of that estimate is seriously impaired. For the tables in this publication, estimates with standard errors greater than 25 per cent of the estimate have been labelled with an asterisk.

4. Standard errors of estimates of *level*, by industry, are shown in Table A for the private sector and Table B for the public sector and relate only to the third month of the quarter. As the survey is conducted quarterly from a common sample of employer units, who report details of employees for each month of the quarter, standard errors on all estimates for total persons employed in each month are of a similar magnitude.

5. Standard errors of estimates of *movements*, provide a measure of the reliability of changes in the level of an

estimate. Table A shows standard errors for movements in the level of estimates for the private sector for persons between the third month of successive quarters. Standard errors for movements in the level of estimates between quarters for the public sector have not been presented. Annual movement standard errors are also shown for the private sector in Table A and relate to December 1986 - December 1987 movements. These are also applicable to 1989 annual movements.

6. For this quarter, standard errors for annual movement for the public sector are the same as the standard errors for level since, in the March quarter 1988, estimates for the public sector were not subject to sampling variability as data had been collected from all public sector units.

7. An example of the use of standard error on *levels* is as follows. If the estimated number of wage and salary earners was 5,500,000 with a standard error of 25,000, then there would be about two chances in three that a full enumeration would have given a figure in the range 5,475,000 to 5,525,000 and about nineteen chances in twenty that it would be in the range 5,450,000 to 5,550,000.

8. An example of the use of standard error on *movements* is as follows. If the estimated standard error for a quarterly change estimate of wage and salary earners was 15,000 and the quarterly change estimate between two quarters was 40,000 persons, then there would be about two chances in three that a full enumeration would have given a quarterly change estimate in the range 25,000 to 55,000 persons and about nineteen chances in twenty that it would be in the range 10,000 to 70,000 persons.

9. Quarterly movements in estimates of employed wage and salary earners are considered to be statistically significant where they exceed two standard errors.

10. Standard errors for earnings are approximately the same relative size as standard errors for number of employees. Detailed standard errors for both employment and earnings are available on request.



TABLE A. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA - PRIVATE SECTOR :  
STANDARD ERRORS, MARCH 1989, PERSONS ('000)

Industry	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
LEVEL									
Mining	1.5	0.8	0.7	0.3	0.7	0.1	0.1	—	2.0
Manufacturing	5.3	5.3	2.8	2.4	2.2	0.7	0.3	0.2	8.7
Construction	5.3	7.2	4.6	2.8	2.4	0.8	0.9	0.9	10.8
Wholesale and retail trade	12.9	13.0	8.4	6.8	4.1	1.8	1.6	1.0	21.8
Transport and storage	5.3	5.7	4.5	1.0	1.7	0.3	0.2	0.9	9.3
Finance, property and business services	10.7	13.9	5.0	1.6	2.5	0.9	0.5	1.7	18.6
Community services	6.9	8.0	5.7	3.1	2.1	3.1	0.9	0.8	13.0
Recreation, personal and other services(a)	7.7	5.9	7.0	1.9	2.1	1.1	0.8	1.0	12.4
Total all industries	21.8	24.0	15.1	8.7	6.8	4.0	2.2	2.7	37.8
QUARTERLY MOVEMENT									
Mining	0.7	0.8	0.3	0.2	0.9	0.1	0.1	—	1.4
Manufacturing	3.5	4.5	2.6	1.8	1.1	0.5	0.1	0.2	6.6
Construction	2.6	4.6	2.2	1.4	1.4	0.4	0.6	0.4	6.1
Wholesale and retail trade	6.8	7.2	6.2	4.5	3.4	1.1	1.0	0.9	13.1
Transport and storage	3.9	3.6	3.6	0.5	0.7	0.2	0.3	1.0	6.6
Finance, property and business services	6.5	11.6	3.9	0.8	1.5	0.5	0.3	0.7	14.0
Community services	2.7	4.8	5.2	1.0	14.7	0.7	0.6	0.4	16.6
Recreation, personal and other services(a)	5.3	13.1	4.5	1.2	1.6	0.7	0.7	0.5	15.0
Total all industries	12.6	20.9	11.2	5.4	15.4	1.7	1.5	1.7	31.6
ANNUAL MOVEMENT(b)									
Mining	0.7	0.2	0.4	0.2	1.7	0.1	0.1	—	2.0
Manufacturing	5.8	5.1	3.1	2.0	3.0	0.3	0.2	0.2	9.1
Construction	2.9	2.6	2.5	0.8	2.1	0.5	0.3	0.4	5.2
Wholesale and retail trade	12.8	10.5	6.0	4.7	4.8	1.3	1.0	2.2	19.1
Transport and storage	2.1	2.4	1.1	0.6	1.2	0.2	0.3	1.5	3.9
Finance, property and business services	7.2	8.5	5.8	4.5	3.3	2.6	1.9	1.4	14.2
Community services	6.2	6.0	2.3	2.6	2.2	1.1	4.0	1.5	10.5
Recreation, personal and other services(a)	6.3	8.8	7.8	1.8	5.9	0.8	0.9	1.1	14.8
Total all industries	18.4	18.3	12.4	7.5	9.6	3.3	4.6	3.6	32.0

(a) Excludes private households employing staff. (b) See paragraph 5 above.

TABLE B. EMPLOYED WAGE AND SALARY EARNERS, AUSTRALIA - PUBLIC SECTOR :  
STANDARD ERRORS, MARCH 1989, PERSONS ('000)

Industry	N.S.W.	Vic.	Qld	S.A.	W.A.	Tas.	N.T.	A.C.T.	Aust.
LEVEL									
Agriculture, forestry, fishing and hunting	—	—	—	—	—	—	—	—	—
Mining	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	0.1	—	—	—	—	—	0.1
Electricity, gas and water	0.1	—	0.1	—	—	—	—	—	0.1
Construction	—	—	—	—	—	—	—	—	—
Wholesale and retail trade	—	—	—	—	—	—	—	—	—
Transport and storage	0.3	0.8	0.1	—	—	—	—	—	0.9
Communication	—	—	—	—	0.8	—	—	—	0.8
Finance, property and business services	0.3	—	—	—	0.1	—	—	—	0.3
Public administration and defence(a)	0.8	0.8	0.1	0.5	0.7	—	—	—	1.5
Community services	0.8	0.3	0.8	0.2	0.7	—	—	—	1.4
Recreation, personal and other services	0.9	—	—	0.1	—	—	—	—	0.9
Total all industries	0.9	0.5	0.8	0.6	0.5	—	—	—	1.5

(a) Excludes members of permanent defence forces and employees of overseas embassies, consulates etc.



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